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ESTIMATES AND APPROXIMATE
CONFIDENCE LIMITS FOR (LOG) NORMAL
LIFE DISTRIBUTIONS FROM SINGLY
CENSORED SAMPLES BY
MAXIMUM LIKELIHOOD

by

J. Schmee* and W.B. Nelson
Automation and Control Laboratory

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* Also with the Institute of Administration
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*Also with the Institute of Administration and Management of Union College.

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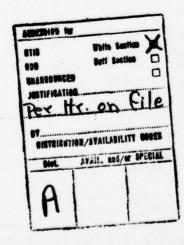CONTENTS   Page

ESTIMATES AND APPROXIMATE CONFIDENCE LIMITS FOR (LOG) NORMAL LIFE DISTRIBUTIONS FROM SINGLY CENSORED SAMPLES BY MAXIMUM LIKELIHOOD

Josef Schmee and Wayne Nelson
Union College and General Electric Co. Corp. Research and Development
Schenectady, NY   12345

SUMMARY

This report presents a simple table for maximum likelihood estimates of the parameters of a normal or lognormal life distribution when the data are analyzed before all test units fail. The report also presents a table of the large-sample variances and covariances of the parameter estimates; the report shows how to use this table to obtain approximate confidence limits for the parameters and other quantities, such as failure probabilities. An example on the life of locomotive controls illustrates the use of the tables.

1. INTRODUCTION

Life test data can be analyzed before all test units fail. This is cheaper and quicker than running all units to failure. Often test units are started and run together. If the test data are analyzed after a fixed time, the data are called <u>singly time censored</u> (also, Type I censored) on the right. Then the number of units failing by that time is random. If the data are analyzed when a prespecified number of failures occurs, the data are called <u>singly failure censored</u> (also, Type II censored) on the right. Then the length of the test is random.

Cohen (1961) and Cooley and Cohen (1970) give a simple table for maximum likelihood (ML) estimates of the parameters of a normal or lognormal life distribution fitted to such data censored on the left; it can be adapted to data censored on the right. Our report extends their table. In simulating such samples, we often got samples outside their tables. For example, for samples with 5 observed failures out of 10 on test, we found that 30% of the samples fell outside their tables. Our table applies directly to right censored data; so it is more convenient for life data. Also, our table extends to samples with smaller observed fractions failing and has convenient fractions 1/3, 2/3, 1/6, etc.

Below, μ and σ denote the mean and standard deviation of the normal life distribution. Also, μ and σ denote the parameters of a lognormal life distribution; then μ and σ are the mean and standard deviation of the log of life. To analyze lognormal data, one works with the logs of the data and treats them as if they come from a normal distribution. The normal and lognormal distributions and their relationship are described in detail by Aitchison and Brown (1957), Hahn and Shapiro (1967), Johnson and Kotz (1970), and Nelson (1974).

2. CALCULATION OF ML ESTIMATES

This section explains how to calculate the ML estimates of μ, σ, and other quantities.

Suppose the sample contains n units, and the first r failure times are observed. Denote the ordered failure times by $y_1 \leq \ldots \leq y_r$. For a time censored sample, the unfailed units run a prespecified time $y_0 \geq y_r$. For a failure censored sample, the unfailed units run a time $y_0 = y_r$. Hereafter, y_0 denotes the running time for both types of censoring.

Parameter estimates. First calculate the sample mean $\bar{y}$ and "variance" v of just the r failure times as

$$\bar{y} = (y_1 + \ldots + y_r)/r, \tag{2.1}$$

$$v = [(y_1 - \bar{y})^2 + \ldots + (y_r - \bar{y})^2]/r ; \tag{2.2}$$

both are divided by r. Then calculate the fraction censored

$$h = (n-r)/n \tag{2.3}$$

and

$$\hat{\gamma} = v/(y_0 - \bar{y})^2 . \tag{2.4}$$

Use Table 1 to find the value of $\hat{\lambda} = \lambda(h, \hat{\gamma})$, which is a function of h and $\hat{\gamma}$. Here $\lambda(h,0) = 0$, and $\lambda(0, \hat{\gamma}) = 0$. Then calculate the ML estimates

-2-

$$\hat{\mu} = \bar{y} + \hat{\lambda}(y_0 - \bar{y}),\tag{2.5}$$

$$\hat{\sigma} = [v + \hat{\lambda}(y_0 - \bar{y})^2]^{1/2}.\tag{2.6}$$

Locomotive control example. Table 2 below shows singly time censored mileage data on $r = 37$ failures in a sample of $n = 96$ locomotive controls. Management wanted an estimate and confidence limits for the fraction of such controls failing on an 80 thousand-mile warranty. A lognormal distribution is fitted to the data. Working with the base 10 logs of the data, we find $\bar{y} = 1.920696$ and $v = 0.03065884$. The fraction censored is $h = (96-37)/96 = 0.6146$, and $\hat{\gamma} = 0.03065884/[\log(135)-1.920696]^2 = 0.697616$. Linear interpolation in Table 1 yields $\hat{\lambda} = \lambda(0.6146, 0.697616) = 1.4387$. Then the ML estimates are $\hat{\mu} = 1.920696 + 1.4387 [\log(135)-1.920696] = 2.2223$ and $\hat{\sigma} = \{0.03065884+1.4387 [\log(135)-1.920696]^2\}^{1/2} = 0.3064$.

Table 2	Thousands of Miles to Failure for Locomotive Controls				
22.5	57.5	78.5	91.5	113.5	122.5
37.5	66.5	80.0	93.5	116.0	123.0
46.0	68.0	81.5	102.5	117.0	127.5
48.5	69.5	82.0	107.0	118.5	131.0
51.5	76.5	83.0	108.5	119.0	132.5
53.0	77.0	84.0	112.5	120.0	134.0
54.5					

Fifty-nine controls operated for 135.0 thousand miles without failure

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Computer programs. There are computer programs that use other means to calculate $\hat{\mu}$, $\hat{\sigma}$, and ML estimates of other quantities. These include STATPAC by Nelson and others (1973), CENS by Hahn and Miller (1968), the Maximum Likelihood Program by Ross and others (1976), and the IMSL (1975) routine OTMLNR.

Properties of ML estimates. ML estimates have good properties. For large r, the (asymptotic) joint cumulative distribution of $\hat{\mu}$ and $\hat{\sigma}$ is close to a joint normal one with means equal to the true values μ_0 and σ_0 and (asymptotic)

variances and covariance given by (3.1) evaluated at $\mu = \mu_0$ and $\sigma = \sigma_0$. This means that $\hat{\mu}$ and $\hat{\sigma}$ are approximately (median) unbiased. Also, no other estimates with asymptotic normal distributions have smaller asymptotic variances. This means that the ML estimates are at least as good as any such others for large r. Also, for small r, the ML estimates compare well with others.

Estimate of a function. The ML estimate of a function $g_0 = g(\mu_0, \sigma_0)$ of the parameters is $\hat{g} = g(\hat{\mu}, \hat{\sigma})$, that is, the function evaluated at the ML For example, the ML estimate of the fraction failing by (log) age y is $\hat{F}(y) = \Phi[(y-\hat{\mu})/\hat{\sigma}]$; here $\Phi[\cdot]$ is the standard normal cumulative distribution function. Also, the ML estimate of the 100P-th percentile of a normal distribution is $\hat{y}_p = \hat{\mu} + z_p \hat{\sigma}$ where z_p is the standard normal 100P-th percentile; antilog($\hat{y}_p$) is the ML estimate of the 100P-th percentile of the corresponding lognormal distribution.

For large r, the (asymptotic) cumulative distribution of $\hat{g}$ is close to a normal one with mean g_0 and variance (3.5) evaluated at μ_0 and σ_0. This means that $\hat{g}$ is approximately (median) unbiased. Also, no other estimate with an asymptotic normal distribution has a smaller asymptotic variance.

Locomotive control example. The ML estimate of the fraction of controls failing on an 80 thousand mile warranty is $\hat{F}(80) = \Phi[(\log(80)-2.2223)/0.3064]$ = 0.149.

3. APPROXIMATE CONFIDENCE LIMITS

This section explains how to calculate approximate confidence limits for μ_0, σ_0, and other quantities. Such limits are good approximations when r is large. Schmee and Nelson (1976) give tables for exact limits for μ_0 and σ_0 from small singly censored samples. Also, Nelson and Schmee (1976a,b) give tables for exact limits for (log) normal percentiles and reliabilities from such samples.

Variances and covariance of $\hat{\mu}$ and $\hat{\sigma}$. We first calculate estimates of the approximate variances and covariance of $\hat{\mu}$ and $\hat{\sigma}$. For large r, the ML estimates of them are

$$\hat{Var}(\hat{\mu}) = A(\hat{\xi})\hat{\sigma}^2/n, \quad \hat{Var}(\hat{\sigma}) = B(\hat{\xi})\hat{\sigma}^2/n, \quad \hat{Cov}(\hat{\mu},\hat{\sigma}) = C(\hat{\xi})\hat{\sigma}^2/n. \qquad (3.1)$$

For time censored data,

-4-

$$\hat{\xi} = (y_0 - \hat{\mu})/\hat{\sigma} \qquad (3.2)$$

is the ML estimate of the standardized deviate for the (log) censoring time y_0. For failure censored data, $\hat{\xi}$ is the $100(r/n)$-th standard normal percentile. The factors $A(\cdot)$, $B(\cdot)$, and $C(\cdot)$ are tabled in Table 3, which is adapted from Cohen (1961). The percent labels on the table let one enter the table with $100r/n$ to find $A(\cdot)$, $B(\cdot)$, and $C(\cdot)$ for failure censored samples. Table 3 applies to right censored data.

Locomotive control example. The standardized deviate is $\hat{\xi} = [\log(135)-2.2223]/0.3064 = -0.30015$. By linear interpolation, $A(-0.30015) = 1.24244$, $B(-0.30015) = 0.959079$, and $C(-0.30015) = 0.326989$. The estimates are

$$\hat{Var}(\hat{\mu}) = 1.24244(0.3064)^2/96 = 0.00012150,$$

$$\hat{Var}(\hat{\sigma}) = 0.959079(0.3064)^2/96 = 0.00009379,$$

$$\hat{Cov}(\hat{\mu},\hat{\sigma}) = 0.326989(0.3064)^2/96 = 0.00003198.$$

Limits for μ_0 and σ_0. For large r, two-sided approximate $100\gamma\%$ confidence limits for μ_0 are

$$\underset{\sim}{\mu} \simeq \hat{\mu} - K_\gamma [\hat{Var}(\hat{\mu})]^{1/2} \text{ and } \tilde{\mu} \simeq \mu + K_\gamma [\hat{Var}(\hat{\mu})]^{1/2} , \qquad (3.3)$$

where K_γ is the $100(1+\gamma)/2$-th standard normal percentile. Such limits for σ_0 are

$$\underset{\sim}{\sigma} \simeq \hat{\sigma}/\exp\{K_\gamma [\hat{Var}(\hat{\sigma})]^{1/2}/\hat{\sigma}\} \text{ and } \tilde{\sigma} \simeq \hat{\sigma}\cdot\exp\{K_\gamma [\hat{Var}(\hat{\sigma})]^{1/2}/\hat{\sigma}\}. \qquad (3.4)$$

To obtain such a one-sided $100\gamma\%$ confidence limit replace K_γ by z_γ the 100γ-th standard normal percentile in a limit above.

Locomotive control example. Two-sided approximate 95% confidence limits for μ_0 are $\underset{\sim}{\mu} = 2.2223-1.960(0.00012150)^{1/2} = 2.007$ and $\tilde{\mu} = 2.2223+0.0216 = 2.439$.

-5-

Two-sided approximate 95% confidence limits for σ_0 are $\underset{\sim}{\sigma} = 0.3064/$
$\exp[1.960(0.00009379)^{1/2}/0.3064] = 0.2880$ and $\tilde{\sigma} = 0.3064 \cdot 1.064 = 0.3260$.
Each limit is a one-sided approximate 97.5% confidence limit.

Limits for a function. The following provides approximate confidence
limits for the value of a function $g_0 = g(\mu_0, \sigma_0)$ which has continuous first
derivatives. For large r, the ML estimate of the approximate variance of
$\hat{g} = g(\hat{\mu}, \hat{\sigma})$ is

$$\hat{Var}(\hat{g}) \simeq (\partial g/\partial \mu)^2 \hat{Var}(\hat{\mu}) + (\partial g/\partial \sigma)^2 \hat{Var}(\hat{\sigma}) + 2(\partial g/\partial \mu)(\partial g/\partial \sigma)\hat{Cov}(\hat{\mu}, \hat{\sigma});$$

(3.5)

here the partial derivatives are evaluated at $\mu = \hat{\mu}$ and $\sigma = \hat{\sigma}$. If the range
of possible values of g is $-\infty$ to ∞, two-sided approximate $100\gamma\%$ confidence
limits for g_0 are

$$\underset{\sim}{g} \simeq \hat{g} - K_\gamma [\hat{Var}(\hat{g})]^{1/2} \text{ and } \tilde{g} \simeq \hat{g} + K_\gamma [\hat{Var}(\hat{g})]^{1/2}.$$ (3.6)

If g must be positive, then positive limits are

$$\underset{\sim}{g} \simeq \hat{g}/\exp\{K_\gamma [\hat{Var}(\hat{g})]^{1/2}/\hat{g}\} \text{ and } \tilde{g} \simeq \hat{g} \cdot \exp\{K_\gamma [\hat{Var}(\hat{g})]^{1/2}/\hat{g}\} ; \quad (3.7)$$

this assumes that r is large enough that the cumulative distribution of $\ln(\hat{g})$
is approximately normal. The limits (3.4) for σ_0 are positive ones.

To obtain a one-sided approximate $100\gamma\%$ confidence limit, use the ap-
propriate limit above, but replace K_γ by z_γ, the 100γ-th standard normal per-
centile. The previously mentioned computer programs calculate such approximate
confidence limits.

Locomotive control example. Preceding theory yields a one-sided upper
95% confidence limit for the fraction of controls failing on an 80 thousand-
mile warranty. The fraction is $F(80) = \Phi\{[\log(80)-\mu]/\sigma\}$. $\hat{z} = [\log(80)-\hat{\mu}]/\hat{\sigma}$
is closer to normally distributed than $\hat{F}(80) = \Phi(\hat{z})$. So a better confidence
limit for $F(80)$ is $\tilde{F}(80) = \Phi(\tilde{z})$ where $\tilde{z} \cong \hat{z} + z_\gamma[\hat{Var}(\hat{z})]^{1/2}$. The calculation of
$\hat{Var}(\hat{z})$ from (3.5) involves $\hat{z} = [\log(80)-2.2223]/0.3064 = -1.0418$, $\partial z/\partial \mu = -1/\sigma$
and $\partial z/\partial \sigma = -[\log(80)-\mu]/\sigma^2 = -z/\sigma$. Then

-6-

$$\hat{Var}(\hat{z}) \simeq (-1/0.3064)^2 0.00012150 + [-(-1.0418)/0.3064]^2 \, 0.00009379$$

$$+ \, 2(-1/0.3064) \, [-(-1.0418)/0.3064] \, 0.00003198 = 0.01669.$$

The upper approximate 95% confidence limit is $\tilde{z} \simeq -1.0418 + 1.645(0.01669)^{1/2} =$ -0.8293 and $\tilde{F}(80) \simeq \Phi(-0.8293) = 0.203$.

4. MAXIMUM LIKELIHOOD THEORY AND CALCULATION OF THE TABLES

This technical section presents 1) ML theory for Table 1 and for fitting a normal distribution to data singly censored on the right, 2) the calculation of Table 1, and 3) the theory for the asymptotic variances and covariances in Table 3. The section includes the sample likelihood, ML estimates, the Fisher information matrix, and the asymptotic covariance matrix of the ML estimators.

Maximum Likelihood Estimates

The ML estimates $\hat{\mu}$ and $\hat{\sigma}$ are derived here. The likelihood for a sample of size n where the first r failures $y_1 \leq \ldots \leq y_r$ are observed by time y_0 is

$$L = C \, \sigma^{-r} \, \phi[(y_1-\mu)/\sigma] \, \cdots \, \phi[(y_r-\mu)/\sigma] \, \{1 - \Phi[(y_0-\mu)/\sigma]\}^{n-r}; \qquad (4.1)$$

here $\phi[z] = (2\pi)^{-1/2} \exp(-z^2/2)$ is the standard normal probability density and C is a constant. (4.1) applies to both time and failure censored samples.

The ML estimates of μ and σ^2 are the values $\hat{\mu}$ and $\hat{\sigma}^2$ that maximize L. They are found by the usual calculus method of setting equal to zero the first partial derivatives of the natural log of L with respect to μ and σ^2 to get the likelihood equations:

$$\bar{y} - \mu = -\sigma \, Y', \qquad (4.2)$$

$$v + (\bar{y}-\mu)^2 = \sigma^2 \, (1-\xi Y'), \qquad (4.3)$$

where

$$\xi = (y_0-\mu)/\sigma \qquad (4.4)$$

-7-

is the standardized deviate, $h = (n-r)/n$ is the fraction censored, and

$$Y' = Y'(h,\xi) = \phi(\xi) \ [1-\Phi(\xi)]^{-1} \ h(1-h)^{-1} \ . \qquad (4.5)$$

The solutions of (4.2) and (4.3) for μ and σ are the ML estimates $\hat{\mu}$ and $\hat{\sigma}$.

Following Cohen (1959), we can rewrite (4.2), (4.3), and (4.4) as

$$\sigma^2 = v + \lambda(y_0-\bar{y})^2 \ , \qquad (4.6)$$

$$\mu = \bar{y} + \lambda(y_0-\bar{y}) \ , \qquad (4.7)$$

$$[1-Y'(\xi+Y')]/(\xi+Y')^2 = v/(y_0-\bar{y})^2 \equiv \hat{\gamma} \ , \qquad (4.8)$$

and

$$\lambda = \lambda(h,\xi) = Y'(h,\xi)/[\xi+Y'(h,\xi)] \ . \qquad (4.9)$$

The left side of (4.8) is function of just ξ and h; so (4.8) can be solved for $\hat{\xi}$ as a function of h and $\hat{\gamma}$. Putting $\hat{\xi}$ for ξ in (4.5) and (4.9) yields $\hat{\lambda} = \lambda(h,\hat{\xi})$. Thus $\hat{\lambda}$ is a function of h and $\hat{\gamma}$. Putting $\hat{\lambda}$ for λ in (4.6) and (4.7) yields $\hat{\sigma}^2$ and $\hat{\mu}$. The numerical calculation of the function λ in Table 1 is described next.

Calculation of Table 1

The calculations for Table 1 were run on a GE 600 computer with 36 bytes (8 significant figures) in single precision.

The main numerical calculation is to solve (4.8) for $\hat{\xi}$ for selected $\hat{\gamma}$ and h values. (4.8) involves calculation of the standard normal cumulative distribution function by Hasting approximation. The accuracy of this routine is within 10^{-7}. Each $\hat{\xi}$ was substituted into (4.9) to get the corresponding $\hat{\lambda}$ value, which is tabled for the selected $\hat{\gamma}$ and h values. Results were extensively spot checked against the table of Cooley and Cohen (1970) where the tables overlap; all results agreed to at least six figures. (4.8) was iteratively solved for $\hat{\xi}$ by direct search using a golden section. For fixed h, $\hat{\xi}$

-8-

is a monotone function of $\hat{\gamma}$; so the $\hat{\xi}$ for the previous $\hat{\gamma}$ value was used as a bound for the search interval. The final $\hat{\xi}$ is within $\pm 10^{-6}$ of the correct answer, except for roundoff in the calculation of (4.8).

Asymptotic Variances and Covariance for Table 3

The asymptotic variances and covariance of $\hat{\mu}$ and $\hat{\sigma}$ are derived below for time censored data. These results are the basis of Table 3.

The log likelihood for the ith test unit may be written as

$$\mathscr{L}_i = I_i[-\tfrac{1}{2}\ln(2\pi) - \ln(\sigma) - (z_i^2/2)] + (1-I_i)[1-\Phi] ; \qquad (4.10)$$

here $I_i = 1$ if $y_i < y_0$ (a failure is observed) and $I_i = 0$ if $y_i \geq y_0$ (the observation is censored), $z_i = (y_i-\mu)/\sigma$ is the random standardized deviate, $\Phi = \Phi(\xi)$, and $\xi = (y_0-\mu)/\sigma$ is the standardized censoring time.

The sample log likelihood is

$$\mathscr{L} = \mathscr{L}_1 + \ldots + \mathscr{L}_n. \qquad (4.11)$$

We need the second partial derivatives of $\mathscr{L}$ with respect to μ and σ. For $\mathscr{L}_i$, they are

$$\partial^2 \mathscr{L}_i/\partial\mu^2 = (1/\sigma^2)\{-I_i + (1-I_i)[\xi\phi(1-\Phi)^{-1} - \phi^2(1-\Phi)^{-2}]\} ,$$

$$\partial^2 \mathscr{L}_i/\partial\sigma^2 = (-1/\sigma)(\partial\mathscr{L}_i/\partial\sigma) + (1/\sigma^2)\{-2I_i z_i^2 + (1-I_i)[-\xi\phi(1-\Phi)^{-1}$$

$$+ \xi^2\phi(1-\Phi)^{-1} - \xi^2\phi^2(1-\Phi)^{-2}]\} , \qquad (4.12)$$

$$\partial^2 \mathscr{L}_i/\partial\mu\partial\sigma = (-1/\sigma)(\partial\mathscr{L}_i/\partial\mu) + (1/\sigma^2)\{-I_i z_i$$

$$+ (1-I_i)[\xi^2\phi(1-\Phi)^{-1} - \xi\phi^2(1-\Phi)^{-2}]\} ,$$

where $\phi = \phi(\xi)$. (4.12) contains the random quantities I_i and z_i. The elements of the Fisher information matrix for unit i are the expectations of (4.12) evaluated for $\mu = \mu_0$ and $\sigma = \sigma_0$, the true parameter values; namely,

$$E\{-\partial^2 \mathcal{L}_i/\partial\mu^2\} = 1/\sigma_0^2, \tag{4.13}$$

$$E\{-\partial^2 \mathcal{L}_i/\partial\sigma^2\} = (1/\sigma_0^2)\{2\Phi_0 - \xi_0\phi_0[1+\xi_0^2 - \xi_0\phi_0(1-\Phi_0)^{-1}]\} ,$$

$$E\{-\partial^2 \mathcal{L}_i/\partial\mu\partial\sigma\} = (1/\sigma_0^2)(-\phi_0)\{1+\xi_0[\xi_0 - \phi_0(1-\Phi_0)^{-1}]\} ;$$

here $\xi_0 = (y_0 - \mu_0)/\sigma_0$, $\phi_0 = \phi(\xi_0)$, and $\Phi_0 = \Phi(\xi_0)$.

These expectations are calculated from (4.12) with the aid of $E\{I\} = \Phi_0$, $E\{\partial\mathcal{L}_i/\partial\mu\} = E\{\partial\mathcal{L}_i/\partial\sigma\} = 0$. By (4.11), these expectations multiplied by n are the expectations for the sample. In (4.13), the terms in { } depend only on ξ_0.

The Fisher information matrix

$$F = \begin{bmatrix} E\{-\partial^2 \mathcal{L}_i/\partial\mu^2\} & E\{-\partial^2 \mathcal{L}_i/\partial\mu\partial\sigma\} \\ E\{-\partial^2 \mathcal{L}_i/\partial\mu\partial\sigma\} & E\{-\partial^2 \mathcal{L}_i/\partial\sigma^2\} \end{bmatrix} \tag{4.14}$$

when inverted is the asymptotic covariance matrix of $\hat{\mu}$ and $\hat{\sigma}$; namely,

$$\begin{bmatrix} \text{Var}(\hat{\mu}) & \text{Cov}(\hat{\mu},\hat{\sigma}) \\ \text{Cov}(\hat{\mu},\hat{\sigma}) & \text{Var}(\hat{\sigma}) \end{bmatrix} = F^{-1} = (\sigma^2/n) \begin{bmatrix} A(\xi_0) & C(\xi_0) \\ C(\xi_0) & B(\xi_0) \end{bmatrix} ; \tag{4.15}$$

here $A(\cdot)$, $B(\cdot)$, and $C(\cdot)$ depend only on ξ_0. The asymptotic covariance matrix for singly failure censored samples is the same, but ξ_0 is then the $100(r/n)$-th standard normal percentile.

Section 3 explains how to use the asymptotic variances and covariances to get approximate confidence limits for μ_0 and σ_0 and functions of them.

ACKNOWLEDGMENT

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*Copies available from the Technical Information Exchange, 5-237, GE Corp. Research and Development, Schenectady, NY 12345.

TABLE I   Values of $\lambda(h,\gamma)$

GAM \ h	0.005	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.00	0.00481	0.00991	0.02028	0.03082	0.04156	0.05248	0.06361	0.07494	0.08648	0.09823	0.11020
0.02	0.00510	0.01026	0.02075	0.03143	0.04232	0.05348	0.06469	0.07617	0.08787	0.09978	0.11190
0.04	0.00520	0.01046	0.02112	0.03197	0.04301	0.05426	0.06570	0.07734	0.08919	0.10125	0.11352
0.06	0.00529	0.01063	0.02146	0.03247	0.04367	0.05507	0.06667	0.07846	0.09046	0.10267	0.11508
0.08	0.00537	0.01080	0.02178	0.03294	0.04430	0.05585	0.06759	0.07953	0.09168	0.10403	0.11659
0.10	0.00545	0.01095	0.02208	0.03340	0.04490	0.05660	0.06848	0.08057	0.09285	0.10534	0.11804
0.12	0.00553	0.01110	0.02238	0.03384	0.04548	0.05732	0.06933	0.08157	0.09399	0.10661	0.11944
0.14	0.00560	0.01124	0.02266	0.03426	0.04604	0.05802	0.07018	0.08254	0.09509	0.10785	0.12081
0.16	0.00567	0.01138	0.02293	0.03467	0.04659	0.05869	0.07099	0.08348	0.09616	0.10905	0.12214
0.18	0.00573	0.01151	0.02320	0.03507	0.04712	0.05935	0.07177	0.08439	0.09720	0.11021	0.12343
0.20	0.00580	0.01164	0.02346	0.03545	0.04763	0.05999	0.07254	0.08528	0.09822	0.11135	0.12469
0.22	0.00586	0.01177	0.02371	0.03583	0.04813	0.06061	0.07329	0.08615	0.09921	0.11246	0.12592
0.24	0.00592	0.01189	0.02396	0.03620	0.04862	0.06122	0.07401	0.08700	0.10017	0.11355	0.12713
0.26	0.00598	0.01201	0.02420	0.03656	0.04909	0.06182	0.07473	0.08783	0.10112	0.11461	0.12831
0.28	0.00604	0.01213	0.02443	0.03691	0.04956	0.06240	0.07542	0.08864	0.10205	0.11565	0.12946
0.30	0.00610	0.01224	0.02466	0.03725	0.05002	0.06297	0.07611	0.08943	0.10295	0.11667	0.13059
0.32	0.00616	0.01236	0.02488	0.03758	0.05047	0.06353	0.07677	0.09021	0.10384	0.11767	0.13170
0.34	0.00621	0.01247	0.02510	0.03791	0.05090	0.06408	0.07743	0.09098	0.10472	0.11865	0.13279
0.36	0.00627	0.01257	0.02532	0.03824	0.05133	0.06461	0.07808	0.09173	0.10557	0.11962	0.13386
0.38	0.00632	0.01268	0.02553	0.03855	0.05176	0.06514	0.07871	0.09247	0.10642	0.12057	0.13491
0.40	0.00637	0.01278	0.02574	0.03887	0.05218	0.06566	0.07933	0.09319	0.10725	0.12150	0.13595
0.42	0.00642	0.01289	0.02594	0.03917	0.05258	0.06617	0.07994	0.09391	0.10806	0.12242	0.13697
0.44	0.00647	0.01299	0.02614	0.03947	0.05298	0.06667	0.08055	0.09461	0.10887	0.12332	0.13797
0.46	0.00652	0.01309	0.02634	0.03977	0.05338	0.06717	0.08114	0.09530	0.10966	0.12421	0.13896
0.48	0.00657	0.01318	0.02654	0.04006	0.05377	0.06765	0.08173	0.09598	0.11044	0.12509	0.13994
0.50	0.00662	0.01328	0.02673	0.04035	0.05415	0.06813	0.08230	0.09666	0.11121	0.12595	0.14090
0.52	0.00667	0.01337	0.02692	0.04064	0.05453	0.06861	0.08287	0.09732	0.11196	0.12681	0.14185
0.54	0.00671	0.01347	0.02710	0.04092	0.05490	0.06907	0.08343	0.09797	0.11271	0.12765	0.14278
0.56	0.00676	0.01356	0.02729	0.04119	0.05527	0.06954	0.08398	0.09862	0.11345	0.12848	0.14371
0.58	0.00680	0.01365	0.02747	0.04146	0.05564	0.06999	0.08453	0.09926	0.11418	0.12930	0.14462
0.60	0.00685	0.01374	0.02765	0.04173	0.05600	0.07044	0.08507	0.09989	0.11490	0.13011	0.14552
0.62	0.00689	0.01383	0.02783	0.04200	0.05635	0.07088	0.08560	0.10051	0.11561	0.13091	0.14641
0.64	0.00694	0.01391	0.02800	0.04226	0.05670	0.07132	0.08613	0.10112	0.11631	0.13170	0.14729
0.66	0.00698	0.01400	0.02817	0.04252	0.05705	0.07175	0.08665	0.10173	0.11701	0.13248	0.14816
0.68	0.00702	0.01409	0.02834	0.04278	0.05739	0.07218	0.08716	0.10233	0.11769	0.13326	0.14902
0.70	0.00706	0.01417	0.02851	0.04303	0.05773	0.07260	0.08767	0.10292	0.11837	0.13402	0.14987
0.72	0.00711	0.01425	0.02868	0.04328	0.05806	0.07302	0.08817	0.10351	0.11905	0.13478	0.15072
0.74	0.00715	0.01433	0.02885	0.04353	0.05839	0.07344	0.08867	0.10409	0.11971	0.13553	0.15155
0.76	0.00719	0.01442	0.02901	0.04377	0.05872	0.07385	0.08916	0.10467	0.12037	0.13627	0.15237
0.78	0.00723	0.01450	0.02917	0.04402	0.05904	0.07425	0.08965	0.10524	0.12102	0.13700	0.15319
0.80	0.00727	0.01458	0.02933	0.04426	0.05936	0.07465	0.09013	0.10580	0.12167	0.13773	0.15400
0.82	0.00731	0.01466	0.02949	0.04450	0.05968	0.07505	0.09061	0.10636	0.12231	0.13845	0.15480
0.84	0.00735	0.01474	0.02965	0.04473	0.06000	0.07545	0.09108	0.10691	0.12294	0.13916	0.15559
0.86	0.00739	0.01481	0.02980	0.04496	0.06031	0.07584	0.09155	0.10746	0.12357	0.13987	0.15638
0.88	0.00742	0.01489	0.02995	0.04520	0.06062	0.07622	0.09202	0.10800	0.12419	0.14057	0.15716
0.90	0.00746	0.01497	0.03011	0.04542	0.06092	0.07661	0.09248	0.10854	0.12480	0.14126	0.15793
0.92	0.00750	0.01504	0.03026	0.04565	0.06123	0.07699	0.09293	0.10907	0.12541	0.14195	0.15870
0.94	0.00754	0.01512	0.03041	0.04588	0.06153	0.07736	0.09339	0.10960	0.12602	0.14263	0.15946
0.96	0.00757	0.01519	0.03056	0.04610	0.06182	0.07773	0.09383	0.11013	0.12662	0.14331	0.16021
0.98	0.00761	0.01526	0.03070	0.04632	0.06212	0.07810	0.09428	0.11065	0.12721	0.14398	0.16096
1.00	0.00765	0.01534	0.03085	0.04654	0.06241	0.07847	0.09472	0.11116	0.12780	0.14465	0.16170

GAM \ h	0.005	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
1.00	0.00765	0.01534	0.03085	0.04654	0.06241	0.07847	0.09472	0.11116	0.12780	0.14465	0.16170
1.02	0.00768	0.01541	0.03099	0.04676	0.06270	0.07884	0.09516	0.11167	0.12839	0.14531	0.16243
1.04	0.00772	0.01548	0.03114	0.04697	0.06299	0.07920	0.09559	0.11218	0.12897	0.14596	0.16316
1.06	0.00775	0.01555	0.03128	0.04719	0.06328	0.07955	0.09602	0.11268	0.12954	0.14661	0.16388
1.08	0.00779	0.01562	0.03142	0.04740	0.06356	0.07991	0.09645	0.11318	0.13012	0.14725	0.16460
1.10	0.00782	0.01569	0.03156	0.04761	0.06384	0.08026	0.09687	0.11368	0.13068	0.14789	0.16531
1.12	0.00786	0.01576	0.03170	0.04782	0.06412	0.08061	0.09729	0.11417	0.13125	0.14853	0.16602
1.14	0.00789	0.01583	0.03184	0.04803	0.06440	0.08096	0.09771	0.11466	0.13181	0.14916	0.16672
1.16	0.00793	0.01590	0.03198	0.04823	0.06467	0.08130	0.09812	0.11514	0.13236	0.14978	0.16742
1.18	0.00796	0.01597	0.03211	0.04844	0.06495	0.08165	0.09854	0.11562	0.13291	0.15041	0.16811
1.20	0.00800	0.01604	0.03225	0.04864	0.06522	0.08199	0.09895	0.11610	0.13346	0.15102	0.16880
1.22	0.00803	0.01611	0.03238	0.04884	0.06549	0.08232	0.09935	0.11658	0.13400	0.15163	0.16948
1.24	0.00806	0.01617	0.03251	0.04904	0.06576	0.08266	0.09975	0.11705	0.13454	0.15224	0.17016
1.26	0.00810	0.01623	0.03265	0.04924	0.06602	0.08299	0.10015	0.11751	0.13508	0.15285	0.17083
1.28	0.00813	0.01630	0.03278	0.04944	0.06629	0.08332	0.10055	0.11798	0.13561	0.15345	0.17150
1.30	0.00816	0.01637	0.03291	0.04963	0.06655	0.08365	0.10095	0.11844	0.13614	0.15404	0.17216
1.32	0.00819	0.01643	0.03304	0.04983	0.06681	0.08398	0.10134	0.11890	0.13666	0.15464	0.17282
1.34	0.00822	0.01649	0.03317	0.05002	0.06707	0.08430	0.10173	0.11936	0.13719	0.15523	0.17348
1.36	0.00826	0.01656	0.03330	0.05022	0.06732	0.08462	0.10212	0.11981	0.13771	0.15581	0.17413
1.38	0.00829	0.01662	0.03342	0.05041	0.06758	0.08494	0.10250	0.12026	0.13822	0.15639	0.17478
1.40	0.00832	0.01668	0.03355	0.05060	0.06783	0.08526	0.10288	0.12071	0.13873	0.15697	0.17542
1.42	0.00835	0.01675	0.03367	0.05079	0.06808	0.08558	0.10326	0.12115	0.13924	0.15754	0.17606
1.44	0.00838	0.01681	0.03380	0.05097	0.06834	0.08589	0.10364	0.12159	0.13975	0.15812	0.17670
1.46	0.00841	0.01687	0.03392	0.05116	0.06858	0.08620	0.10402	0.12203	0.14025	0.15868	0.17733
1.48	0.00844	0.01693	0.03405	0.05135	0.06883	0.08651	0.10439	0.12247	0.14075	0.15925	0.17796
1.50	0.00847	0.01699	0.03417	0.05153	0.06908	0.08682	0.10476	0.12290	0.14125	0.15981	0.17858
1.52	0.00850	0.01705	0.03429	0.05171	0.06932	0.08713	0.10513	0.12333	0.14174	0.16037	0.17920
1.54	0.00853	0.01711	0.03441	0.05189	0.06957	0.08743	0.10550	0.12376	0.14224	0.16092	0.17982
1.56	0.00856	0.01718	0.03453	0.05208	0.06981	0.08774	0.10586	0.12419	0.14273	0.16147	0.18043
1.58	0.00859	0.01723	0.03465	0.05226	0.07005	0.08804	0.10623	0.12462	0.14321	0.16202	0.18105
1.60	0.00862	0.01729	0.03477	0.05244	0.07029	0.08834	0.10659	0.12504	0.14370	0.16257	0.18165
1.62	0.00865	0.01735	0.03489	0.05261	0.07053	0.08864	0.10695	0.12546	0.14418	0.16311	0.18226
1.64	0.00868	0.01741	0.03501	0.05279	0.07076	0.08893	0.10730	0.12587	0.14465	0.16365	0.18286
1.66	0.00871	0.01747	0.03512	0.05297	0.07100	0.08923	0.10766	0.12629	0.14513	0.16418	0.18346
1.68	0.00874	0.01753	0.03524	0.05314	0.07123	0.08952	0.10801	0.12670	0.14560	0.16472	0.18405
1.70	0.00877	0.01759	0.03536	0.05332	0.07147	0.08981	0.10836	0.12711	0.14608	0.16525	0.18464
1.72	0.00880	0.01764	0.03547	0.05349	0.07170	0.09011	0.10871	0.12752	0.14654	0.16578	0.18523
1.74	0.00883	0.01770	0.03559	0.05366	0.07193	0.09039	0.10906	0.12793	0.14701	0.16630	0.18582
1.76	0.00886	0.01776	0.03570	0.05383	0.07216	0.09068	0.10941	0.12833	0.14747	0.16683	0.18640
1.78	0.00888	0.01781	0.03582	0.05400	0.07239	0.09097	0.10975	0.12874	0.14794	0.16735	0.18698
1.80	0.00891	0.01787	0.03593	0.05417	0.07261	0.09125	0.11009	0.12914	0.14839	0.16787	0.18756
1.82	0.00894	0.01793	0.03604	0.05434	0.07284	0.09154	0.11043	0.12954	0.14885	0.16838	0.18813
1.84	0.00897	0.01798	0.03615	0.05451	0.07307	0.09182	0.11077	0.12993	0.14931	0.16889	0.18870
1.86	0.00900	0.01804	0.03626	0.05468	0.07329	0.09210	0.11111	0.13033	0.14976	0.16941	0.18927
1.88	0.00902	0.01809	0.03637	0.05485	0.07351	0.09238	0.11145	0.13072	0.15021	0.16991	0.18984
1.90	0.00905	0.01815	0.03649	0.05501	0.07373	0.09266	0.11178	0.13111	0.15066	0.17042	0.19040
1.92	0.00908	0.01820	0.03659	0.05518	0.07396	0.09293	0.11211	0.13150	0.15110	0.17092	0.19096
1.94	0.00911	0.01826	0.03670	0.05534	0.07417	0.09321	0.11244	0.13189	0.15155	0.17142	0.19152
1.96	0.00913	0.01831	0.03681	0.05551	0.07439	0.09348	0.11277	0.13228	0.15199	0.17192	0.19208
1.98	0.00916	0.01837	0.03692	0.05567	0.07461	0.09375	0.11310	0.13266	0.15243	0.17242	0.19263
2.00	0.00919	0.01842	0.03703	0.05583	0.07483	0.09403	0.11343	0.13304	0.15287	0.17291	0.19318

GAM / h	0.005	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
2.0	0.00919	0.01842	0.03703	0.05583	0.07483	0.09403	0.11343	0.13304	0.15287	0.17291	0.19318
2.2	0.00945	0.01894	0.03808	0.05741	0.07694	0.09668	0.11662	0.13678	0.15715	0.17774	0.19856
2.4	0.00970	0.01945	0.03909	0.05893	0.07897	0.09922	0.11968	0.14036	0.16126	0.18238	0.20373
2.6	0.00994	0.01993	0.04006	0.06039	0.08093	0.10167	0.12263	0.14381	0.16521	0.18684	0.20870
2.8	0.01018	0.02040	0.04100	0.06180	0.08282	0.10404	0.12548	0.14714	0.16903	0.19115	0.21351
3.0	0.01040	0.02085	0.04191	0.06317	0.08464	0.10633	0.12823	0.15037	0.17273	0.19532	0.21816
3.2	0.01062	0.02129	0.04279	0.06449	0.08641	0.10855	0.13091	0.15349	0.17631	0.19937	0.22266
3.4	0.01083	0.02172	0.04364	0.06578	0.08813	0.11070	0.13350	0.15653	0.17979	0.20330	0.22705
3.6	0.01104	0.02213	0.04447	0.06703	0.08980	0.11280	0.13602	0.15948	0.18318	0.20712	0.23131
3.8	0.01124	0.02253	0.04528	0.06825	0.09143	0.11484	0.13848	0.16236	0.18648	0.21085	0.23546
4.0	0.01144	0.02293	0.04607	0.06943	0.09302	0.11684	0.14088	0.16517	0.18970	0.21448	0.23951
4.2	0.01163	0.02331	0.04684	0.07059	0.09457	0.11878	0.14323	0.16791	0.19285	0.21803	0.24347
4.4	0.01182	0.02369	0.04760	0.07173	0.09609	0.12069	0.14552	0.17060	0.19592	0.22150	0.24735
4.6	0.01200	0.02406	0.04833	0.07284	0.09758	0.12255	0.14776	0.17322	0.19893	0.22490	0.25113
4.8	0.01218	0.02442	0.04906	0.07393	0.09903	0.12437	0.14996	0.17579	0.20188	0.22823	0.25485
5.0	0.01236	0.02477	0.04977	0.07499	0.10046	0.12616	0.15211	0.17832	0.20478	0.23150	0.25849
5.2	0.01253	0.02512	0.05046	0.07604	0.10186	0.12792	0.15423	0.18079	0.20761	0.23470	0.26206
5.4	0.01270	0.02546	0.05114	0.07707	0.10323	0.12964	0.15630	0.18322	0.21040	0.23785	0.26556
5.6	0.01287	0.02579	0.05181	0.07808	0.10458	0.13133	0.15834	0.18561	0.21314	0.24094	0.26901
5.8	0.01303	0.02612	0.05247	0.07907	0.10591	0.13300	0.16034	0.18795	0.21583	0.24397	0.27240
6.0	0.01319	0.02644	0.05312	0.08004	0.10721	0.13464	0.16232	0.19026	0.21847	0.24696	0.27573
6.2	0.01335	0.02676	0.05376	0.08100	0.10850	0.13625	0.16426	0.19253	0.22108	0.24990	0.27901
6.4	0.01351	0.02707	0.05439	0.08195	0.10976	0.13783	0.16617	0.19477	0.22364	0.25280	0.28224
6.6	0.01366	0.02738	0.05501	0.08288	0.11101	0.13940	0.16805	0.19697	0.22617	0.25565	0.28542
6.8	0.01381	0.02768	0.05561	0.08380	0.11224	0.14094	0.16990	0.19914	0.22866	0.25846	0.28855
7.0	0.01396	0.02798	0.05622	0.08470	0.11345	0.14245	0.17173	0.20128	0.23111	0.26123	0.29165
7.2	0.01411	0.02828	0.05681	0.08559	0.11464	0.14395	0.17353	0.20339	0.23354	0.26397	0.29469
7.4	0.01425	0.02857	0.05739	0.08647	0.11582	0.14543	0.17531	0.20548	0.23593	0.26667	0.29770
7.6	0.01440	0.02886	0.05797	0.08734	0.11698	0.14689	0.17707	0.20753	0.23828	0.26933	0.30067
7.8	0.01454	0.02914	0.05854	0.08820	0.11813	0.14833	0.17880	0.20956	0.24061	0.27196	0.30360
8.0	0.01468	0.02942	0.05910	0.08905	0.11926	0.14975	0.18052	0.21157	0.24291	0.27455	0.30650
8.2	0.01482	0.02970	0.05966	0.08989	0.12038	0.15115	0.18221	0.21355	0.24519	0.27712	0.30936
8.4	0.01495	0.02997	0.06021	0.09071	0.12149	0.15254	0.18388	0.21551	0.24743	0.27966	0.31219
8.6	0.01509	0.03024	0.06075	0.09153	0.12258	0.15392	0.18553	0.21744	0.24965	0.28216	0.31498
8.8	0.01522	0.03051	0.06129	0.09234	0.12366	0.15527	0.18717	0.21936	0.25185	0.28464	0.31775
9.0	0.01536	0.03078	0.06182	0.09314	0.12473	0.15661	0.18878	0.22125	0.25402	0.28709	0.32048
9.2	0.01549	0.03104	0.06235	0.09393	0.12579	0.15794	0.19038	0.22312	0.25616	0.28952	0.32319
9.4	0.01562	0.03130	0.06287	0.09471	0.12684	0.15926	0.19197	0.22497	0.25829	0.29192	0.32586
9.6	0.01574	0.03155	0.06338	0.09549	0.12788	0.16056	0.19353	0.22681	0.26039	0.29429	0.32851
9.8	0.01587	0.03181	0.06389	0.09625	0.12890	0.16184	0.19508	0.22862	0.26247	0.29664	0.33113
10.0	0.01600	0.03206	0.06440	0.09701	0.12992	0.16312	0.19662	0.23042	0.26454	0.29897	0.33373

14

h → GAM ↓	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	GAM
0.00	0.11020	0.12239	0.13480	0.14744	0.16031	0.17342	0.18677	0.20037	0.21421	0.22831	0.24268	0.
0.02	0.11190	0.12424	0.13680	0.14959	0.16261	0.17586	0.18935	0.20309	0.21707	0.23131	0.24581	0.02
0.04	0.11352	0.12601	0.13872	0.15165	0.16481	0.17821	0.19184	0.20571	0.21983	0.23421	0.24885	0.04
0.06	0.11508	0.12772	0.14057	0.15364	0.16694	0.18047	0.19424	0.20825	0.22251	0.23702	0.25179	0.06
0.08	0.11659	0.12936	0.14235	0.15556	0.16899	0.18266	0.19657	0.21071	0.22510	0.23974	0.25464	0.08
0.10	0.11804	0.13095	0.14407	0.15742	0.17099	0.18479	0.19882	0.21310	0.22762	0.24239	0.25741	0.10
0.12	0.11944	0.13249	0.14574	0.15922	0.17292	0.18685	0.20102	0.21542	0.23007	0.24496	0.26012	0.12
0.14	0.12081	0.13398	0.14737	0.16098	0.17480	0.18886	0.20315	0.21768	0.23245	0.24748	0.26275	0.14
0.16	0.12214	0.13544	0.14895	0.16268	0.17664	0.19082	0.20524	0.21989	0.23478	0.24993	0.26533	0.16
0.18	0.12343	0.13686	0.15049	0.16435	0.17843	0.19273	0.20727	0.22204	0.23706	0.25233	0.26785	0.18
0.20	0.12469	0.13824	0.15200	0.16598	0.18017	0.19460	0.20926	0.22415	0.23929	0.25467	0.27031	0.20
0.22	0.12592	0.13959	0.15347	0.16757	0.18188	0.19643	0.21120	0.22621	0.24147	0.25697	0.27272	0.22
0.24	0.12713	0.14091	0.15491	0.16912	0.18356	0.19822	0.21311	0.22823	0.24360	0.25922	0.27509	0.24
0.26	0.12831	0.14221	0.15632	0.17065	0.18519	0.19997	0.21497	0.23022	0.24570	0.26143	0.27741	0.26
0.28	0.12946	0.14347	0.15770	0.17214	0.18680	0.20169	0.21681	0.23216	0.24775	0.26360	0.27969	0.28
0.30	0.13059	0.14472	0.15905	0.17361	0.18838	0.20338	0.21860	0.23407	0.24977	0.26573	0.28193	0.30
0.32	0.13170	0.14594	0.16038	0.17504	0.18993	0.20503	0.22037	0.23594	0.25176	0.26782	0.28414	0.32
0.34	0.13279	0.14713	0.16169	0.17646	0.19145	0.20666	0.22211	0.23779	0.25371	0.26988	0.28630	0.34
0.36	0.13386	0.14831	0.16297	0.17785	0.19294	0.20826	0.22382	0.23960	0.25563	0.27191	0.28844	0.36
0.38	0.13491	0.14947	0.16423	0.17921	0.19442	0.20984	0.22550	0.24139	0.25752	0.27390	0.29054	0.38
0.40	0.13595	0.15061	0.16548	0.18056	0.19586	0.21139	0.22715	0.24315	0.25938	0.27587	0.29260	0.40
0.42	0.13697	0.15173	0.16670	0.18189	0.19729	0.21292	0.22878	0.24488	0.26122	0.27780	0.29464	0.42
0.44	0.13797	0.15283	0.16790	0.18319	0.19870	0.21443	0.23039	0.24659	0.26303	0.27971	0.29665	0.44
0.46	0.13896	0.15392	0.16909	0.18448	0.20008	0.21591	0.23197	0.24827	0.26481	0.28160	0.29864	0.46
0.48	0.13994	0.15499	0.17026	0.18575	0.20145	0.21738	0.23354	0.24993	0.26657	0.28345	0.30059	0.48
0.50	0.14090	0.15605	0.17142	0.18700	0.20280	0.21882	0.23508	0.25157	0.26831	0.28529	0.30253	0.50
0.52	0.14185	0.15710	0.17256	0.18823	0.20413	0.22025	0.23660	0.25319	0.27002	0.28710	0.30443	0.52
0.54	0.14278	0.15813	0.17368	0.18945	0.20544	0.22166	0.23810	0.25479	0.27171	0.28889	0.30632	0.54
0.56	0.14371	0.15914	0.17479	0.19065	0.20674	0.22305	0.23959	0.25637	0.27339	0.29066	0.30818	0.56
0.58	0.14462	0.16015	0.17589	0.19184	0.20802	0.22442	0.24105	0.25793	0.27504	0.29240	0.31002	0.58
0.60	0.14552	0.16114	0.17697	0.19302	0.20928	0.22578	0.24250	0.25947	0.27667	0.29413	0.31184	0.60
0.62	0.14641	0.16212	0.17804	0.19418	0.21054	0.22712	0.24394	0.26099	0.27829	0.29584	0.31364	0.62
0.64	0.14729	0.16309	0.17910	0.19532	0.21177	0.22845	0.24535	0.26250	0.27989	0.29753	0.31542	0.64
0.66	0.14816	0.16405	0.18014	0.19646	0.21300	0.22976	0.24676	0.26399	0.28147	0.29920	0.31718	0.66
0.68	0.14902	0.16499	0.18118	0.19758	0.21421	0.23106	0.24814	0.26547	0.28303	0.30085	0.31892	0.68
0.70	0.14987	0.16593	0.18220	0.19869	0.21540	0.23234	0.24951	0.26693	0.28458	0.30249	0.32065	0.70
0.72	0.15072	0.16686	0.18322	0.19979	0.21659	0.23361	0.25087	0.26837	0.28611	0.30411	0.32236	0.72
0.74	0.15155	0.16778	0.18422	0.20088	0.21776	0.23487	0.25222	0.26980	0.28763	0.30571	0.32405	0.74
0.76	0.15237	0.16869	0.18521	0.20196	0.21892	0.23612	0.25355	0.27122	0.28913	0.30730	0.32572	0.76
0.78	0.15319	0.16959	0.18620	0.20302	0.22007	0.23735	0.25487	0.27262	0.29062	0.30887	0.32738	0.78
0.80	0.15400	0.17048	0.18717	0.20408	0.22121	0.23858	0.25617	0.27401	0.29210	0.31043	0.32903	0.80
0.82	0.15480	0.17136	0.18813	0.20513	0.22234	0.23979	0.25747	0.27539	0.29356	0.31198	0.33065	0.82
0.84	0.15559	0.17223	0.18909	0.20616	0.22346	0.24099	0.25877	0.27675	0.29500	0.31351	0.33227	0.84
0.86	0.15638	0.17310	0.19004	0.20719	0.22457	0.24218	0.26002	0.27811	0.29644	0.31502	0.33387	0.86
0.88	0.15716	0.17396	0.19097	0.20821	0.22567	0.24336	0.26128	0.27945	0.29786	0.31653	0.33546	0.88
0.90	0.15793	0.17481	0.19190	0.20922	0.22676	0.24452	0.26253	0.28078	0.29927	0.31802	0.33703	0.90
0.92	0.15870	0.17565	0.19283	0.21022	0.22783	0.24568	0.26377	0.28210	0.30067	0.31950	0.33859	0.92
0.94	0.15946	0.17649	0.19374	0.21121	0.22891	0.24683	0.26500	0.28340	0.30206	0.32097	0.34014	0.94
0.96	0.16021	0.17732	0.19465	0.21219	0.22997	0.24797	0.26621	0.28470	0.30343	0.32242	0.34167	0.96
0.98	0.16096	0.17814	0.19555	0.21317	0.23102	0.24910	0.26742	0.28599	0.30480	0.32387	0.34320	0.98
1.00	0.16170	0.17896	0.19644	0.21414	0.23206	0.25022	0.26862	0.28726	0.30615	0.32530	0.34471	1.00
GAM	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	h

GAM	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	h
1.00	0.16170	0.17896	0.19644	0.21414	0.23206	0.25022	0.26862	0.28726	0.30615	0.32530	0.34471	1.00
1.02	0.16243	0.17977	0.19732	0.21510	0.23310	0.25134	0.26981	0.28853	0.30750	0.32672	0.34621	1.02
1.04	0.16316	0.18057	0.19820	0.21605	0.23413	0.25244	0.27099	0.28979	0.30883	0.32813	0.34769	1.04
1.06	0.16388	0.18137	0.19907	0.21700	0.23515	0.25354	0.27216	0.29103	0.31015	0.32953	0.34917	1.06
1.08	0.16460	0.18216	0.19994	0.21794	0.23616	0.25462	0.27332	0.29227	0.31147	0.33092	0.35064	1.08
1.10	0.16531	0.18294	0.20079	0.21887	0.23717	0.25570	0.27448	0.29350	0.31277	0.33230	0.35209	1.10
1.12	0.16602	0.18372	0.20165	0.21979	0.23817	0.25678	0.27562	0.29472	0.31407	0.33367	0.35354	1.12
1.14	0.16672	0.18450	0.20249	0.22071	0.23916	0.25784	0.27676	0.29593	0.31535	0.33503	0.35497	1.14
1.16	0.16742	0.18526	0.20333	0.22162	0.24014	0.25890	0.27789	0.29713	0.31663	0.33638	0.35640	1.16
1.18	0.16811	0.18603	0.20416	0.22253	0.24112	0.25995	0.27901	0.29833	0.31790	0.33772	0.35782	1.18
1.20	0.16880	0.18678	0.20499	0.22343	0.24209	0.26099	0.28013	0.29952	0.31916	0.33906	0.35922	1.20
1.22	0.16948	0.18754	0.20581	0.22432	0.24305	0.26202	0.28123	0.30069	0.32041	0.34038	0.36062	1.22
1.24	0.17016	0.18828	0.20663	0.22521	0.24401	0.26305	0.28233	0.30187	0.32165	0.34170	0.36201	1.24
1.26	0.17083	0.18902	0.20744	0.22609	0.24496	0.26407	0.28343	0.30303	0.32288	0.34300	0.36339	1.26
1.28	0.17150	0.18976	0.20825	0.22696	0.24591	0.26509	0.28451	0.30418	0.32411	0.34430	0.36476	1.28
1.30	0.17216	0.19049	0.20905	0.22783	0.24684	0.26610	0.28559	0.30533	0.32533	0.34559	0.36612	1.30
1.32	0.17282	0.19122	0.20985	0.22870	0.24778	0.26710	0.28666	0.30647	0.32654	0.34687	0.36747	1.32
1.34	0.17348	0.19195	0.21064	0.22955	0.24870	0.26809	0.28773	0.30761	0.32775	0.34815	0.36882	1.34
1.36	0.17413	0.19266	0.21142	0.23041	0.24963	0.26908	0.28878	0.30874	0.32894	0.34941	0.37015	1.36
1.38	0.17478	0.19338	0.21220	0.23126	0.25054	0.27007	0.28984	0.30986	0.33013	0.35067	0.37148	1.38
1.40	0.17542	0.19409	0.21298	0.23210	0.25145	0.27104	0.29088	0.31097	0.33131	0.35192	0.37280	1.40
1.42	0.17606	0.19479	0.21375	0.23294	0.25236	0.27202	0.29192	0.31208	0.33249	0.35317	0.37412	1.42
1.44	0.17670	0.19549	0.21452	0.23377	0.25326	0.27298	0.29295	0.31318	0.33366	0.35440	0.37542	1.44
1.46	0.17733	0.19619	0.21528	0.23460	0.25415	0.27394	0.29398	0.31427	0.33482	0.35563	0.37672	1.46
1.48	0.17796	0.19688	0.21604	0.23542	0.25504	0.27490	0.29500	0.31536	0.33598	0.35686	0.37801	1.48
1.50	0.17858	0.19757	0.21679	0.23624	0.25592	0.27585	0.29602	0.31644	0.33712	0.35807	0.37929	1.50
1.52	0.17920	0.19826	0.21754	0.23705	0.25680	0.27679	0.29703	0.31752	0.33827	0.35928	0.38057	1.52
1.54	0.17982	0.19894	0.21829	0.23786	0.25768	0.27773	0.29803	0.31859	0.33940	0.36048	0.38184	1.54
1.56	0.18043	0.19962	0.21903	0.23867	0.25854	0.27866	0.29903	0.31965	0.34053	0.36168	0.38310	1.56
1.58	0.18105	0.20029	0.21976	0.23947	0.25941	0.27959	0.30002	0.32071	0.34166	0.36287	0.38436	1.58
1.60	0.18165	0.20096	0.22050	0.24026	0.26027	0.28052	0.30101	0.32176	0.34277	0.36405	0.38561	1.60
1.62	0.18226	0.20163	0.22123	0.24106	0.26112	0.28144	0.30200	0.32281	0.34389	0.36523	0.38685	1.62
1.64	0.18286	0.20229	0.22195	0.24184	0.26197	0.28235	0.30297	0.32385	0.34499	0.36640	0.38809	1.64
1.66	0.18346	0.20295	0.22267	0.24263	0.26282	0.28326	0.30395	0.32489	0.34609	0.36757	0.38932	1.66
1.68	0.18405	0.20361	0.22339	0.24341	0.26366	0.28416	0.30491	0.32592	0.34719	0.36873	0.39054	1.68
1.70	0.18464	0.20426	0.22410	0.24418	0.26450	0.28506	0.30588	0.32695	0.34828	0.36988	0.39176	1.70
1.72	0.18523	0.20491	0.22482	0.24496	0.26533	0.28596	0.30683	0.32797	0.34936	0.37103	0.39297	1.72
1.74	0.18582	0.20556	0.22552	0.24572	0.26616	0.28685	0.30779	0.32898	0.35044	0.37217	0.39418	1.74
1.76	0.18640	0.20620	0.22623	0.24649	0.26699	0.28774	0.30874	0.32999	0.35151	0.37331	0.39537	1.76
1.78	0.18698	0.20684	0.22693	0.24725	0.26781	0.28862	0.30968	0.33100	0.35258	0.37444	0.39657	1.78
1.80	0.18756	0.20747	0.22762	0.24800	0.26863	0.28950	0.31062	0.33200	0.35365	0.37556	0.39776	1.80
1.82	0.18813	0.20811	0.22832	0.24876	0.26944	0.29037	0.31155	0.33300	0.35470	0.37668	0.39894	1.82
1.84	0.18870	0.20874	0.22900	0.24951	0.27025	0.29124	0.31248	0.33399	0.35576	0.37780	0.40012	1.84
1.86	0.18927	0.20937	0.22969	0.25025	0.27106	0.29211	0.31341	0.33497	0.35680	0.37891	0.40129	1.86
1.88	0.18984	0.20999	0.23037	0.25100	0.27186	0.29297	0.31433	0.33596	0.35785	0.38001	0.40246	1.88
1.90	0.19040	0.21061	0.23105	0.25173	0.27266	0.29383	0.31525	0.33694	0.35889	0.38111	0.40362	1.90
1.92	0.19096	0.21123	0.23173	0.25247	0.27345	0.29468	0.31616	0.33791	0.35992	0.38221	0.40477	1.92
1.94	0.19152	0.21185	0.23241	0.25320	0.27424	0.29553	0.31707	0.33888	0.36095	0.38330	0.40592	1.94
1.96	0.19208	0.21246	0.23308	0.25393	0.27503	0.29638	0.31798	0.33984	0.36197	0.38438	0.40707	1.96
1.98	0.19263	0.21307	0.23374	0.25466	0.27581	0.29722	0.31888	0.34080	0.36299	0.38546	0.40821	1.98
2.00	0.19318	0.21368	0.23441	0.25538	0.27659	0.29806	0.31978	0.34176	0.36401	0.38654	0.40934	2.00
h	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	GAM

GAM	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
2.0	0.19318	0.21368	0.23441	0.25538	0.27659	0.29806	0.31978	0.34176	0.36401	0.38654	0.40934
2.2	0.19456	0.21961	0.24090	0.26244	0.28421	0.30625	0.32854	0.35110	0.37393	0.39704	0.42044
2.4	0.20373	0.22531	0.24714	0.26921	0.29154	0.31412	0.33696	0.36008	0.38347	0.40714	0.43110
2.6	0.20870	0.23080	0.25315	0.27574	0.29859	0.32170	0.34507	0.36872	0.39265	0.41687	0.44138
2.8	0.21351	0.23610	0.25895	0.28205	0.30540	0.32902	0.35291	0.37708	0.40153	0.42627	0.45131
3.0	0.21816	0.24123	0.26456	0.28815	0.31199	0.33611	0.36050	0.38517	0.41012	0.43537	0.46092
3.2	0.22266	0.24621	0.27001	0.29407	0.31839	0.34299	0.36786	0.39301	0.41846	0.44420	0.47026
3.4	0.22705	0.25105	0.27530	0.29982	0.32461	0.34967	0.37501	0.40064	0.42656	0.45279	0.47932
3.6	0.23131	0.25575	0.28045	0.30542	0.33066	0.35617	0.38197	0.40806	0.43445	0.46115	0.48815
3.8	0.23546	0.26033	0.28547	0.31087	0.33655	0.36251	0.38876	0.41530	0.44214	0.46929	0.49676
4.0	0.23951	0.26481	0.29037	0.31620	0.34230	0.36870	0.39538	0.42236	0.44964	0.47724	0.50516
4.2	0.24347	0.26918	0.29515	0.32140	0.34792	0.37474	0.40185	0.42926	0.45698	0.48501	0.51336
4.4	0.24735	0.27345	0.29983	0.32648	0.35342	0.38065	0.40818	0.43601	0.46415	0.49261	0.52139
4.6	0.25113	0.27763	0.30441	0.33146	0.35880	0.38644	0.41437	0.44261	0.47117	0.50004	0.52925
4.8	0.25485	0.28173	0.30889	0.33634	0.36407	0.39210	0.42044	0.44908	0.47804	0.50733	0.53695
5.0	0.25849	0.28575	0.31329	0.34112	0.36924	0.39766	0.42639	0.45543	0.48479	0.51448	0.54450
5.2	0.26206	0.28969	0.31761	0.34581	0.37431	0.40312	0.43223	0.46166	0.49141	0.52149	0.55192
5.4	0.26556	0.29356	0.32185	0.35042	0.37930	0.40847	0.43796	0.46777	0.49791	0.52838	0.55919
5.6	0.26901	0.29737	0.32601	0.35495	0.38419	0.41374	0.44360	0.47378	0.50430	0.53515	0.56635
5.8	0.27240	0.30111	0.33011	0.35940	0.38900	0.41891	0.44914	0.47969	0.51058	0.54181	0.57338
6.0	0.27573	0.30478	0.33413	0.36378	0.39373	0.42400	0.45459	0.48551	0.51676	0.54835	0.58030
6.2	0.27901	0.30841	0.33810	0.36809	0.39839	0.42901	0.45995	0.49123	0.52284	0.55480	0.58711
6.4	0.28224	0.31197	0.34200	0.37233	0.40298	0.43395	0.46524	0.49686	0.52883	0.56114	0.59382
6.6	0.28542	0.31548	0.34585	0.37652	0.40750	0.43881	0.47044	0.50241	0.53473	0.56740	0.60043
6.8	0.28855	0.31894	0.34964	0.38064	0.41196	0.44360	0.47557	0.50788	0.54054	0.57356	0.60694
7.0	0.29165	0.32236	0.35337	0.38470	0.41635	0.44832	0.48063	0.51328	0.54628	0.57964	0.61336
7.2	0.29469	0.32572	0.35706	0.38871	0.42068	0.45298	0.48562	0.51860	0.55194	0.58563	0.61970
7.4	0.29770	0.32904	0.36069	0.39266	0.42496	0.45758	0.49054	0.52385	0.55752	0.59155	0.62595
7.6	0.30067	0.33232	0.36428	0.39657	0.42917	0.46212	0.49540	0.52904	0.56303	0.59739	0.63212
7.8	0.30360	0.33556	0.36783	0.40042	0.43334	0.46660	0.50020	0.53416	0.56847	0.60315	0.63822
8.0	0.30650	0.33876	0.37133	0.40423	0.43746	0.47103	0.50494	0.53921	0.57385	0.60885	0.64424
8.2	0.30936	0.34192	0.37479	0.40799	0.44152	0.47540	0.50962	0.54421	0.57916	0.61448	0.65018
8.4	0.31219	0.34504	0.37821	0.41171	0.44554	0.47972	0.51425	0.54914	0.58440	0.62004	0.65606
8.6	0.31498	0.34812	0.38159	0.41538	0.44952	0.48399	0.51883	0.55403	0.58959	0.62554	0.66188
8.8	0.31775	0.35118	0.38493	0.41902	0.45344	0.48822	0.52335	0.55885	0.59472	0.63098	0.66762
9.0	0.32048	0.35419	0.38823	0.42261	0.45733	0.49240	0.52783	0.56363	0.59980	0.63636	0.67331
9.2	0.32319	0.35718	0.39150	0.42617	0.46117	0.49653	0.53226	0.56835	0.60482	0.64168	0.67893
9.4	0.32586	0.36013	0.39474	0.42969	0.46498	0.50063	0.53664	0.57302	0.60979	0.64694	0.68450
9.6	0.32851	0.36306	0.39794	0.43317	0.46874	0.50467	0.54097	0.57765	0.61470	0.65215	0.69000
9.8	0.33113	0.36595	0.40111	0.43661	0.47247	0.50868	0.54527	0.58223	0.61957	0.65731	0.69546
10.0	0.33373	0.36882	0.40425	0.44003	0.47616	0.51265	0.54952	0.58676	0.62439	0.66242	0.70086

GAM	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	GAM
0.	0.24268	0.25731	0.27221	0.28739	0.30286	0.31862	0.33469	0.35106	0.36774	0.38475	0.40210	0.
0.02	0.24581	0.26058	0.27562	0.29093	0.30654	0.32243	0.33862	0.35513	0.37194	0.38908	0.40655	0.02
0.04	0.24885	0.26375	0.27892	0.29437	0.31010	0.32612	0.34245	0.35908	0.37602	0.39329	0.41089	0.04
0.06	0.25179	0.26682	0.28212	0.29770	0.31356	0.32972	0.34617	0.36292	0.38000	0.39739	0.41511	0.06
0.08	0.25464	0.26980	0.28523	0.30094	0.31693	0.33321	0.34979	0.36667	0.38387	0.40139	0.41924	0.08
0.10	0.25741	0.27270	0.28826	0.30410	0.32021	0.33662	0.35332	0.37033	0.38765	0.40529	0.42326	0.10
0.12	0.26012	0.27553	0.29122	0.30718	0.32342	0.33995	0.35675	0.37390	0.39135	0.40911	0.42720	0.12
0.14	0.26275	0.27830	0.29410	0.31018	0.32655	0.34320	0.36015	0.37740	0.39496	0.41285	0.43106	0.14
0.16	0.26533	0.28099	0.29692	0.31312	0.32961	0.34638	0.36345	0.38082	0.39850	0.41651	0.43484	0.16
0.18	0.26785	0.28363	0.29968	0.31600	0.33260	0.34949	0.36668	0.38417	0.40197	0.42010	0.43855	0.18
0.20	0.27031	0.28621	0.30238	0.31882	0.33554	0.35255	0.36985	0.38746	0.40538	0.42362	0.44219	0.20
0.22	0.27272	0.28874	0.30502	0.32158	0.33842	0.35554	0.37296	0.39068	0.40872	0.42707	0.44576	0.22
0.24	0.27509	0.29122	0.30762	0.32429	0.34124	0.35848	0.37602	0.39385	0.41200	0.43047	0.44927	0.24
0.26	0.27741	0.29366	0.31017	0.32695	0.34402	0.36137	0.37902	0.39697	0.41523	0.43381	0.45272	0.26
0.28	0.27969	0.29605	0.31267	0.32957	0.34674	0.36421	0.38197	0.40003	0.41840	0.43710	0.45612	0.28
0.30	0.28193	0.29840	0.31513	0.33214	0.34942	0.36700	0.38487	0.40304	0.42152	0.44033	0.45946	0.30
0.32	0.28414	0.30071	0.31755	0.33467	0.35206	0.36975	0.38772	0.40601	0.42458	0.44351	0.46276	0.32
0.34	0.28630	0.30299	0.31993	0.33716	0.35466	0.37245	0.39054	0.40893	0.42763	0.44665	0.46600	0.34
0.36	0.28844	0.30522	0.32228	0.33961	0.35722	0.37511	0.39331	0.41180	0.43061	0.44974	0.46920	0.36
0.38	0.29054	0.30743	0.32459	0.34202	0.35974	0.37774	0.39604	0.41464	0.43355	0.45279	0.47235	0.38
0.40	0.29260	0.30960	0.32687	0.34440	0.36222	0.38033	0.39873	0.41744	0.43646	0.45580	0.47547	0.40
0.42	0.29464	0.31173	0.32911	0.34675	0.36467	0.38288	0.40139	0.42020	0.43932	0.45876	0.47854	0.42
0.44	0.29665	0.31385	0.33132	0.34906	0.36709	0.38540	0.40401	0.42292	0.44214	0.46169	0.48157	0.44
0.46	0.29864	0.31594	0.33351	0.35135	0.36947	0.38789	0.40659	0.42561	0.44493	0.46458	0.48456	0.46
0.48	0.30059	0.31799	0.33566	0.35360	0.37183	0.39034	0.40915	0.42826	0.44769	0.46744	0.48752	0.48
0.50	0.30253	0.32002	0.33779	0.35583	0.37415	0.39276	0.41167	0.43089	0.45041	0.47026	0.49044	0.50
0.52	0.30443	0.32202	0.33989	0.35803	0.37645	0.39516	0.41417	0.43348	0.45310	0.47305	0.49333	0.52
0.54	0.30632	0.32401	0.34197	0.36020	0.37872	0.39753	0.41663	0.43604	0.45576	0.47581	0.49619	0.54
0.56	0.30818	0.32597	0.34402	0.36235	0.38096	0.39987	0.41907	0.43857	0.45839	0.47854	0.49901	0.56
0.58	0.31002	0.32790	0.34605	0.36447	0.38318	0.40218	0.42147	0.44108	0.46099	0.48123	0.50181	0.58
0.60	0.31184	0.32981	0.34806	0.36657	0.38538	0.40447	0.42386	0.44355	0.46357	0.48390	0.50457	0.60
0.62	0.31364	0.33171	0.35004	0.36865	0.38755	0.40673	0.42621	0.44601	0.46611	0.48654	0.50731	0.62
0.64	0.31542	0.33358	0.35200	0.37071	0.38969	0.40897	0.42855	0.44843	0.46863	0.48916	0.51002	0.64
0.66	0.31718	0.33543	0.35395	0.37274	0.39182	0.41119	0.43086	0.45083	0.47113	0.49174	0.51270	0.66
0.68	0.31892	0.33726	0.35587	0.37475	0.39392	0.41338	0.43314	0.45321	0.47360	0.49431	0.51535	0.68
0.70	0.32065	0.33908	0.35777	0.37675	0.39600	0.41555	0.43541	0.45557	0.47604	0.49684	0.51798	0.70
0.72	0.32234	0.34087	0.35966	0.37872	0.39807	0.41771	0.43765	0.45790	0.47846	0.49936	0.52059	0.72
0.74	0.32405	0.34265	0.36152	0.38067	0.40011	0.41984	0.43987	0.46021	0.48086	0.50185	0.52317	0.74
0.76	0.32572	0.34441	0.36337	0.38261	0.40213	0.42195	0.44207	0.46250	0.48324	0.50432	0.52573	0.76
0.78	0.32738	0.34616	0.36520	0.38453	0.40414	0.42404	0.44425	0.46477	0.48560	0.50676	0.52826	0.78
0.80	0.32903	0.34789	0.36702	0.38643	0.40612	0.42612	0.44641	0.46701	0.48794	0.50919	0.53078	0.80
0.82	0.33065	0.34960	0.36882	0.38831	0.40809	0.42817	0.44855	0.46924	0.49025	0.51159	0.53327	0.82
0.84	0.33227	0.35130	0.37060	0.39018	0.41005	0.43021	0.45067	0.47145	0.49255	0.51397	0.53574	0.84
0.86	0.33387	0.35298	0.37237	0.39203	0.41198	0.43223	0.45278	0.47364	0.49483	0.51634	0.53819	0.86
0.88	0.33546	0.35465	0.37412	0.39387	0.41390	0.43423	0.45487	0.47582	0.49708	0.51868	0.54062	0.88
0.90	0.33703	0.35631	0.37585	0.39549	0.41580	0.43622	0.45694	0.47797	0.49932	0.52101	0.54303	0.90
0.92	0.33859	0.35795	0.37758	0.39758	0.41769	0.43819	0.45899	0.48011	0.50155	0.52332	0.54542	0.92
0.94	0.34014	0.35957	0.37929	0.39928	0.41957	0.44015	0.46103	0.48223	0.50375	0.52560	0.54780	0.94
0.96	0.34167	0.36119	0.38098	0.40106	0.42142	0.44209	0.46305	0.48434	0.50594	0.52788	0.55015	0.96
0.98	0.34320	0.36279	0.38267	0.40282	0.42327	0.44401	0.46506	0.48642	0.50811	0.53013	0.55249	0.98
1.00	0.34471	0.36438	0.38434	0.40457	0.42510	0.44592	0.46705	0.48850	0.51027	0.53237	0.55481	1.00

GAM / h	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	h / GAM
1.00	0.34471	0.36438	0.38434	0.40457	0.42510	0.44592	0.46705	0.48850	0.51027	0.53237	0.55481	1.00
1.02	0.34621	0.36596	0.38599	0.40631	0.42691	0.44782	0.46903	0.49055	0.51240	0.53457	0.55711	1.02
1.04	0.34769	0.36753	0.38764	0.40803	0.42872	0.44970	0.47099	0.49260	0.51453	0.53679	0.55940	1.04
1.06	0.34917	0.36908	0.38927	0.40974	0.43050	0.45157	0.47294	0.49463	0.51664	0.53898	0.56167	1.06
1.08	0.35064	0.37063	0.39089	0.41144	0.43228	0.45342	0.47487	0.49664	0.51873	0.54116	0.56393	1.08
1.10	0.35209	0.37216	0.39250	0.41313	0.43405	0.45527	0.47679	0.49864	0.52081	0.54332	0.56617	1.10
1.12	0.35354	0.37368	0.39410	0.41480	0.43580	0.45709	0.47870	0.50062	0.52287	0.54546	0.56839	1.12
1.14	0.35497	0.37519	0.39568	0.41646	0.43754	0.45891	0.48060	0.50260	0.52493	0.54759	0.57060	1.14
1.16	0.35640	0.37669	0.39726	0.41812	0.43926	0.46072	0.48248	0.50456	0.52696	0.54971	0.57280	1.16
1.18	0.35782	0.37818	0.39883	0.41976	0.44098	0.46251	0.48435	0.50650	0.52899	0.55181	0.57498	1.18
1.20	0.35922	0.37966	0.40039	0.42139	0.44269	0.46429	0.48620	0.50844	0.53100	0.55390	0.57714	1.20
1.22	0.36062	0.38113	0.40192	0.42300	0.44438	0.46606	0.48805	0.51036	0.53299	0.55597	0.57929	1.22
1.24	0.36201	0.38259	0.40346	0.42461	0.44606	0.46782	0.48988	0.51227	0.53498	0.55803	0.58143	1.24
1.26	0.36339	0.38404	0.40498	0.42621	0.44773	0.46956	0.49170	0.51416	0.53695	0.56008	0.58356	1.26
1.28	0.36476	0.38549	0.40650	0.42780	0.44940	0.47130	0.49351	0.51605	0.53891	0.56212	0.58567	1.28
1.30	0.36612	0.38692	0.40800	0.42938	0.45105	0.47302	0.49531	0.51792	0.54086	0.56414	0.58777	1.30
1.32	0.36747	0.38834	0.40950	0.43095	0.45269	0.47474	0.49710	0.51978	0.54280	0.56615	0.58986	1.32
1.34	0.36882	0.38976	0.41099	0.43251	0.45432	0.47644	0.49888	0.52163	0.54472	0.56815	0.59194	1.34
1.36	0.37015	0.39117	0.41247	0.43406	0.45594	0.47814	0.50064	0.52348	0.54664	0.57014	0.59400	1.36
1.38	0.37148	0.39257	0.41394	0.43560	0.45756	0.47982	0.50240	0.52530	0.54854	0.57212	0.59605	1.38
1.40	0.37280	0.39396	0.41540	0.43713	0.45916	0.48149	0.50415	0.52712	0.55043	0.57408	0.59809	1.40
1.42	0.37412	0.39534	0.41685	0.43865	0.46075	0.48316	0.50588	0.52893	0.55231	0.57604	0.60012	1.42
1.44	0.37542	0.39671	0.41829	0.44016	0.46234	0.48481	0.50761	0.53073	0.55418	0.57798	0.60213	1.44
1.46	0.37672	0.39808	0.41973	0.44167	0.46391	0.48646	0.50933	0.53252	0.55605	0.57992	0.60414	1.46
1.48	0.37801	0.39944	0.42116	0.44317	0.46548	0.48810	0.51103	0.53430	0.55790	0.58184	0.60613	1.48
1.50	0.37929	0.40079	0.42258	0.44466	0.46704	0.48973	0.51273	0.53607	0.55974	0.58375	0.60812	1.50
1.52	0.38057	0.40214	0.42399	0.44614	0.46859	0.49134	0.51442	0.53783	0.56157	0.58565	0.61009	1.52
1.54	0.38184	0.40347	0.42539	0.44761	0.47013	0.49296	0.51610	0.53958	0.56339	0.58754	0.61205	1.54
1.56	0.38310	0.40480	0.42679	0.44907	0.47166	0.49456	0.51777	0.54132	0.56520	0.58942	0.61401	1.56
1.58	0.38436	0.40613	0.42818	0.45053	0.47319	0.49615	0.51944	0.54305	0.56700	0.59130	0.61595	1.58
1.60	0.38561	0.40744	0.42956	0.45198	0.47470	0.49774	0.52109	0.54477	0.56879	0.59316	0.61788	1.60
1.62	0.38685	0.40875	0.43094	0.45342	0.47621	0.49931	0.52273	0.54648	0.57057	0.59501	0.61980	1.62
1.64	0.38809	0.41005	0.43231	0.45486	0.47771	0.50088	0.52437	0.54819	0.57235	0.59685	0.62172	1.64
1.66	0.38932	0.41135	0.43367	0.45629	0.47921	0.50244	0.52600	0.54989	0.57411	0.59869	0.62362	1.66
1.68	0.39054	0.41264	0.43502	0.45771	0.48069	0.50400	0.52762	0.55157	0.57587	0.60051	0.62552	1.68
1.70	0.39176	0.41392	0.43637	0.45912	0.48217	0.50554	0.52923	0.55325	0.57762	0.60233	0.62740	1.70
1.72	0.39297	0.41519	0.43771	0.46052	0.48365	0.50708	0.53084	0.55493	0.57936	0.60414	0.62928	1.72
1.74	0.39418	0.41646	0.43904	0.46192	0.48511	0.50861	0.53243	0.55659	0.58109	0.60594	0.63114	1.74
1.76	0.39537	0.41773	0.44037	0.46332	0.48657	0.51013	0.53402	0.55825	0.58281	0.60773	0.63300	1.76
1.78	0.39657	0.41899	0.44169	0.46470	0.48802	0.51165	0.53561	0.55989	0.58453	0.60951	0.63485	1.78
1.80	0.39776	0.42024	0.44301	0.46608	0.48946	0.51316	0.53718	0.56153	0.58623	0.61128	0.63669	1.80
1.82	0.39894	0.42148	0.44432	0.46746	0.49090	0.51466	0.53875	0.56317	0.58793	0.61305	0.63853	1.82
1.84	0.40012	0.42272	0.44562	0.46882	0.49233	0.51616	0.54031	0.56479	0.58962	0.61480	0.64035	1.84
1.86	0.40129	0.42396	0.44692	0.47018	0.49375	0.51764	0.54186	0.56641	0.59131	0.61655	0.64217	1.86
1.88	0.40246	0.42519	0.44821	0.47154	0.49517	0.51913	0.54341	0.56802	0.59298	0.61830	0.64398	1.88
1.90	0.40362	0.42641	0.44949	0.47288	0.49658	0.52060	0.54494	0.56962	0.59465	0.62003	0.64578	1.90
1.92	0.40477	0.42763	0.45077	0.47423	0.49799	0.52207	0.54648	0.57122	0.59631	0.62176	0.64757	1.92
1.94	0.40592	0.42884	0.45205	0.47556	0.49939	0.52353	0.54800	0.57281	0.59796	0.62348	0.64935	1.94
1.96	0.40707	0.43004	0.45332	0.47689	0.50078	0.52499	0.54952	0.57439	0.59961	0.62519	0.65113	1.96
1.98	0.40821	0.43125	0.45458	0.47822	0.50217	0.52643	0.55103	0.57597	0.60125	0.62689	0.65290	1.98
2.00	0.40934	0.43244	0.45584	0.47953	0.50355	0.52788	0.55254	0.57754	0.60288	0.62859	0.65466	2.00
GAM / h	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	h / GAM

19

GAM / h	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
2.0	0.40934	0.43244	0.45584	0.47953	0.50355	0.52788	0.55254	0.57754	0.60288	0.62859	0.65466
2.2	0.42044	0.44413	0.46812	0.49242	0.51704	0.54198	0.56725	0.59287	0.61884	0.64518	0.67188
2.4	0.43110	0.45536	0.47993	0.50481	0.53001	0.55554	0.58140	0.60762	0.63419	0.66113	0.68845
2.6	0.44138	0.46619	0.49131	0.51675	0.54251	0.56861	0.59505	0.62184	0.64899	0.67652	0.70443
2.8	0.45131	0.47665	0.50231	0.52829	0.55460	0.58124	0.60824	0.63559	0.66330	0.69140	0.71988
3.0	0.46092	0.48679	0.51296	0.53947	0.56630	0.59348	0.62101	0.64891	0.67717	0.70581	0.73485
3.2	0.47026	0.49662	0.52330	0.55032	0.57767	0.60536	0.63342	0.66183	0.69063	0.71981	0.74938
3.4	0.47932	0.50618	0.53335	0.56086	0.58871	0.61691	0.64547	0.67440	0.70371	0.73341	0.76352
3.6	0.48815	0.51548	0.54313	0.57113	0.59946	0.62816	0.65721	0.68664	0.71646	0.74667	0.77728
3.8	0.49674	0.52455	0.55267	0.58114	0.60995	0.63912	0.66866	0.69858	0.72888	0.75959	0.79070
4.0	0.50516	0.53340	0.56198	0.59090	0.62018	0.64982	0.67983	0.71023	0.74101	0.77220	0.80381
4.2	0.51336	0.54205	0.57108	0.60045	0.63018	0.66028	0.69076	0.72162	0.75287	0.78454	0.81662
4.4	0.52139	0.55051	0.57998	0.60979	0.63997	0.67051	0.70144	0.73276	0.76447	0.79660	0.82915
4.6	0.52925	0.55880	0.58869	0.61893	0.64955	0.68053	0.71190	0.74366	0.77583	0.80842	0.84143
4.8	0.53695	0.56691	0.59723	0.62790	0.65893	0.69035	0.72215	0.75435	0.78696	0.81999	0.85346
5.0	0.54450	0.57487	0.60560	0.63668	0.66814	0.69998	0.73221	0.76484	0.79788	0.83135	0.86526
5.2	0.55192	0.58269	0.61382	0.64531	0.67718	0.70943	0.74208	0.77513	0.80860	0.84250	0.87684
5.4	0.55919	0.59036	0.62189	0.65378	0.68605	0.71871	0.75177	0.78524	0.81913	0.85345	0.88822
5.6	0.56635	0.59790	0.62982	0.66210	0.69477	0.72784	0.76130	0.79518	0.82948	0.86421	0.89940
5.8	0.57338	0.60531	0.63761	0.67029	0.70335	0.73681	0.77067	0.80495	0.83965	0.87480	0.91040
6.0	0.58030	0.61261	0.64529	0.67834	0.71179	0.74563	0.77989	0.81456	0.84966	0.88521	0.92122
6.2	0.58711	0.61979	0.65284	0.68627	0.72009	0.75432	0.78896	0.82402	0.85952	0.89546	0.93187
6.4	0.59382	0.62686	0.66028	0.69408	0.72828	0.76288	0.79790	0.83334	0.86923	0.90556	0.94236
6.6	0.60043	0.63383	0.66760	0.70177	0.73634	0.77131	0.80670	0.84253	0.87879	0.91551	0.95270
6.8	0.60694	0.64069	0.67483	0.70935	0.74428	0.77962	0.81538	0.85158	0.88822	0.92532	0.96289
7.0	0.61336	0.64746	0.68195	0.71683	0.75211	0.78782	0.82394	0.86051	0.89752	0.93499	0.97294
7.2	0.61970	0.65414	0.68898	0.72421	0.75984	0.79590	0.83239	0.86931	0.90669	0.94453	0.98286
7.4	0.62595	0.66073	0.69591	0.73148	0.76747	0.80388	0.84072	0.87800	0.91574	0.95395	0.99264
7.6	0.63212	0.66724	0.70275	0.73867	0.77500	0.81175	0.84895	0.88658	0.92468	0.96325	1.00230
7.8	0.63822	0.67367	0.70951	0.74577	0.78243	0.81953	0.85707	0.89506	0.93351	0.97243	1.01184
8.0	0.64424	0.68001	0.71619	0.75277	0.78978	0.82722	0.86509	0.90343	0.94222	0.98150	1.02127
8.2	0.65018	0.68628	0.72279	0.75970	0.79704	0.83481	0.87302	0.91170	0.95084	0.99046	1.03058
8.4	0.65606	0.69248	0.72931	0.76654	0.80421	0.84231	0.88086	0.91987	0.95935	0.99932	1.03979
8.6	0.66188	0.69861	0.73575	0.77331	0.81130	0.84973	0.88861	0.92795	0.96777	1.00808	1.04889
8.8	0.66762	0.70467	0.74213	0.78000	0.81831	0.85707	0.89627	0.93595	0.97610	1.01674	1.05789
9.0	0.67331	0.71066	0.74843	0.78662	0.82525	0.86432	0.90385	0.94385	0.98433	1.02531	1.06679
9.2	0.67893	0.71659	0.75467	0.79317	0.83211	0.87150	0.91135	0.95167	0.99248	1.03378	1.07560
9.4	0.68450	0.72246	0.76084	0.79965	0.83890	0.87861	0.91877	0.95941	1.00054	1.04217	1.08432
9.6	0.69000	0.72827	0.76695	0.80607	0.84563	0.88564	0.92612	0.96707	1.00852	1.05048	1.09295
9.8	0.69546	0.73402	0.77300	0.81242	0.85228	0.89260	0.93339	0.97466	1.01642	1.05870	1.10149
10.0	0.70086	0.73971	0.77899	0.81870	0.85887	0.89949	0.94059	0.98217	1.02425	1.06684	1.10995

h / GAM	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	GAM
0.	0.40210	0.41978	0.43782	0.45622	0.47499	0.49414	0.51369	0.53364	0.55401	0.57482	0.59607	0.
0.02	0.40655	0.42437	0.44253	0.46105	0.47995	0.49923	0.51890	0.53898	0.55947	0.58040	0.60178	0.02
0.04	0.41089	0.42883	0.44712	0.46577	0.48479	0.50419	0.52399	0.54419	0.56481	0.58586	0.60736	0.04
0.06	0.41511	0.43318	0.45159	0.47037	0.48951	0.50904	0.52896	0.54928	0.57003	0.59120	0.61283	0.06
0.08	0.41924	0.43743	0.45596	0.47486	0.49413	0.51378	0.53382	0.55427	0.57514	0.59644	0.61818	0.08
0.10	0.42326	0.44158	0.46024	0.47926	0.49865	0.51842	0.53859	0.55916	0.58014	0.60156	0.62343	0.10
0.12	0.42720	0.44564	0.46442	0.48356	0.50307	0.52297	0.54325	0.56394	0.58505	0.60659	0.62858	0.12
0.14	0.43106	0.44962	0.46852	0.48778	0.50741	0.52743	0.54783	0.56864	0.58987	0.61153	0.63364	0.14
0.16	0.43484	0.45352	0.47254	0.49192	0.51167	0.53180	0.55232	0.57325	0.59460	0.61638	0.63860	0.16
0.18	0.43855	0.45734	0.47648	0.49598	0.51585	0.53610	0.55674	0.57778	0.59925	0.62115	0.64349	0.18
0.20	0.44219	0.46109	0.48035	0.49997	0.51995	0.54032	0.56108	0.58224	0.60382	0.62583	0.64829	0.20
0.22	0.44576	0.46478	0.48415	0.50388	0.52399	0.54447	0.56534	0.58662	0.60832	0.63045	0.65302	0.22
0.24	0.44927	0.46841	0.48789	0.50774	0.52795	0.54855	0.56954	0.59093	0.61275	0.63499	0.65768	0.24
0.26	0.45272	0.47197	0.49157	0.51153	0.53186	0.55257	0.57367	0.59518	0.61711	0.63946	0.66227	0.26
0.28	0.45612	0.47548	0.49519	0.51526	0.53570	0.55653	0.57774	0.59936	0.62140	0.64387	0.66679	0.28
0.30	0.45946	0.47894	0.49876	0.51894	0.53949	0.56042	0.58175	0.60348	0.62563	0.64822	0.67125	0.30
0.32	0.46276	0.48234	0.50227	0.52256	0.54322	0.56427	0.58570	0.60755	0.62981	0.65251	0.67565	0.32
0.34	0.46600	0.48569	0.50573	0.52613	0.54690	0.56806	0.58960	0.61156	0.63393	0.65674	0.67999	0.34
0.36	0.46920	0.48900	0.50915	0.52965	0.55053	0.57179	0.59345	0.61551	0.63799	0.66091	0.68427	0.36
0.38	0.47235	0.49226	0.51251	0.53313	0.55411	0.57548	0.59725	0.61942	0.64201	0.66503	0.68851	0.38
0.40	0.47547	0.49548	0.51584	0.53656	0.55765	0.57912	0.60099	0.62327	0.64597	0.66910	0.69268	0.40
0.42	0.47854	0.49865	0.51912	0.53994	0.56114	0.58272	0.60470	0.62708	0.64988	0.67312	0.69681	0.42
0.44	0.48157	0.50179	0.52236	0.54329	0.56459	0.58627	0.60835	0.63084	0.65375	0.67710	0.70089	0.44
0.46	0.48456	0.50488	0.52555	0.54659	0.56799	0.58978	0.61197	0.63456	0.65758	0.68103	0.70493	0.46
0.48	0.48752	0.50794	0.52872	0.54985	0.57136	0.59325	0.61554	0.63824	0.66136	0.68491	0.70892	0.48
0.50	0.49044	0.51097	0.53184	0.55308	0.57469	0.59668	0.61907	0.64187	0.66509	0.68875	0.71286	0.50
0.52	0.49333	0.51395	0.53493	0.55627	0.57798	0.60007	0.62256	0.64547	0.66879	0.69255	0.71677	0.52
0.54	0.49619	0.51691	0.53798	0.55942	0.58123	0.60342	0.62602	0.64902	0.67245	0.69631	0.72063	0.54
0.56	0.49901	0.51983	0.54100	0.56254	0.58445	0.60674	0.62944	0.65254	0.67607	0.70004	0.72445	0.56
0.58	0.50181	0.52272	0.54399	0.56563	0.58763	0.61003	0.63282	0.65602	0.67965	0.70372	0.72824	0.58
0.60	0.50457	0.52558	0.54695	0.56868	0.59079	0.61328	0.63617	0.65947	0.68320	0.70737	0.73199	0.60
0.62	0.50731	0.52842	0.54988	0.57171	0.59391	0.61650	0.63949	0.66289	0.68671	0.71098	0.73570	0.62
0.64	0.51002	0.53122	0.55278	0.57470	0.59700	0.61969	0.64277	0.66627	0.69019	0.71456	0.73938	0.64
0.66	0.51270	0.53400	0.55565	0.57766	0.60006	0.62284	0.64602	0.66962	0.69364	0.71810	0.74302	0.66
0.68	0.51535	0.53674	0.55849	0.58060	0.60309	0.62597	0.64925	0.67294	0.69706	0.72162	0.74663	0.68
0.70	0.51798	0.53947	0.56131	0.58351	0.60609	0.62907	0.65244	0.67623	0.70044	0.72510	0.75021	0.70
0.72	0.52059	0.54216	0.56410	0.58639	0.60907	0.63213	0.65560	0.67948	0.70379	0.72855	0.75376	0.72
0.74	0.52317	0.54483	0.56686	0.58925	0.61202	0.63518	0.65874	0.68271	0.70712	0.73197	0.75727	0.74
0.76	0.52573	0.54749	0.56960	0.59208	0.61494	0.63819	0.66185	0.68592	0.71042	0.73536	0.76076	0.76
0.78	0.52826	0.55011	0.57232	0.59489	0.61784	0.64118	0.66493	0.68909	0.71368	0.73872	0.76422	0.78
0.80	0.53078	0.55271	0.57501	0.59767	0.62071	0.64415	0.66799	0.69224	0.71693	0.74205	0.76764	0.80
0.82	0.53327	0.55529	0.57768	0.60043	0.62356	0.64709	0.67102	0.69536	0.72014	0.74536	0.77105	0.82
0.84	0.53574	0.55785	0.58032	0.60317	0.62639	0.65000	0.67402	0.69846	0.72333	0.74864	0.77442	0.84
0.86	0.53819	0.56039	0.58295	0.60588	0.62919	0.65290	0.67701	0.70153	0.72649	0.75190	0.77777	0.86
0.88	0.54062	0.56291	0.58555	0.60857	0.63197	0.65576	0.67996	0.70458	0.72963	0.75513	0.78109	0.88
0.90	0.54303	0.56541	0.58814	0.61124	0.63473	0.65861	0.68290	0.70761	0.73275	0.75834	0.78439	0.90
0.92	0.54542	0.56788	0.59070	0.61389	0.63747	0.66144	0.68581	0.71061	0.73584	0.76152	0.78766	0.92
0.94	0.54780	0.57034	0.59325	0.61652	0.64018	0.66424	0.68871	0.71359	0.73891	0.76468	0.79091	0.94
0.96	0.55015	0.57278	0.59577	0.61914	0.64288	0.66703	0.69158	0.71655	0.74196	0.76781	0.79413	0.96
0.98	0.55249	0.57520	0.59828	0.62173	0.64556	0.66979	0.69443	0.71949	0.74498	0.77093	0.79734	0.98
1.00	0.55481	0.57761	0.60077	0.62430	0.64822	0.67253	0.69725	0.72240	0.74798	0.77402	0.80051	1.00
GAM	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	h

GAM \ h	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	GAM
1.00	0.55481	0.57761	0.60077	0.62430	0.64822	0.67253	0.69725	0.72240	0.74798	0.77402	0.80051	1.00
1.02	0.55711	0.57999	0.60324	0.62685	0.65085	0.67525	0.70006	0.72530	0.75097	0.77709	0.80367	1.02
1.04	0.55940	0.58236	0.60569	0.62939	0.65347	0.67796	0.70285	0.72817	0.75393	0.78013	0.80681	1.04
1.06	0.56167	0.58472	0.60812	0.63191	0.65608	0.68064	0.70562	0.73103	0.75687	0.78316	0.80992	1.06
1.08	0.56393	0.58705	0.61054	0.63441	0.65866	0.68331	0.70838	0.73386	0.75979	0.78617	0.81302	1.08
1.10	0.56617	0.58937	0.61294	0.63689	0.66123	0.68596	0.71111	0.73668	0.76269	0.78916	0.81609	1.10
1.12	0.56839	0.59168	0.61533	0.63936	0.66378	0.68859	0.71382	0.73948	0.76558	0.79213	0.81915	1.12
1.14	0.57060	0.59397	0.61770	0.64181	0.66631	0.69121	0.71652	0.74226	0.76844	0.79507	0.82218	1.14
1.16	0.57280	0.59624	0.62005	0.64424	0.66882	0.69381	0.71920	0.74502	0.77129	0.79801	0.82519	1.16
1.18	0.57498	0.59850	0.62239	0.64666	0.67132	0.69639	0.72186	0.74777	0.77411	0.80092	0.82819	1.18
1.20	0.57714	0.60075	0.62472	0.64907	0.67381	0.69895	0.72451	0.75050	0.77693	0.80381	0.83117	1.20
1.22	0.57929	0.60298	0.62703	0.65146	0.67628	0.70150	0.72714	0.75321	0.77972	0.80669	0.83413	1.22
1.24	0.58143	0.60519	0.62932	0.65383	0.67873	0.70403	0.72975	0.75590	0.78250	0.80955	0.83707	1.24
1.26	0.58356	0.60740	0.63160	0.65619	0.68117	0.70655	0.73235	0.75858	0.78526	0.81239	0.84000	1.26
1.28	0.58567	0.60959	0.63387	0.65853	0.68359	0.70905	0.73493	0.76124	0.78800	0.81521	0.84290	1.28
1.30	0.58777	0.61176	0.63612	0.66087	0.68600	0.71154	0.73750	0.76389	0.79073	0.81802	0.84579	1.30
1.32	0.58986	0.61393	0.63836	0.66318	0.68840	0.71402	0.74005	0.76652	0.79344	0.82082	0.84867	1.32
1.34	0.59194	0.61608	0.64059	0.66549	0.69078	0.71647	0.74259	0.76914	0.79614	0.82359	0.85153	1.34
1.36	0.59400	0.61822	0.64280	0.66778	0.69315	0.71892	0.74511	0.77174	0.79882	0.82635	0.85437	1.36
1.38	0.59605	0.62034	0.64501	0.67006	0.69550	0.72135	0.74762	0.77433	0.80148	0.82910	0.85719	1.38
1.40	0.59809	0.62246	0.64720	0.67232	0.69784	0.72377	0.75012	0.77690	0.80413	0.83183	0.86000	1.40
1.42	0.60012	0.62456	0.64937	0.67457	0.70017	0.72617	0.75260	0.77946	0.80677	0.83455	0.86280	1.42
1.44	0.60213	0.62665	0.65154	0.67681	0.70248	0.72856	0.75507	0.78201	0.80939	0.83725	0.86558	1.44
1.46	0.60414	0.62873	0.65369	0.67904	0.70479	0.73094	0.75752	0.78454	0.81200	0.83993	0.86835	1.46
1.48	0.60613	0.63080	0.65583	0.68125	0.70708	0.73331	0.75996	0.78706	0.81460	0.84261	0.87110	1.48
1.50	0.60812	0.63285	0.65796	0.68346	0.70935	0.73566	0.76239	0.78956	0.81718	0.84527	0.87383	1.50
1.52	0.61009	0.63490	0.66008	0.68565	0.71162	0.73800	0.76481	0.79205	0.81975	0.84791	0.87656	1.52
1.54	0.61205	0.63693	0.66219	0.68783	0.71387	0.74033	0.76721	0.79453	0.82230	0.85054	0.87927	1.54
1.56	0.61401	0.63896	0.66428	0.69000	0.71612	0.74265	0.76960	0.79700	0.82484	0.85316	0.88196	1.56
1.58	0.61595	0.64097	0.66637	0.69216	0.71835	0.74495	0.77198	0.79945	0.82737	0.85577	0.88464	1.58
1.60	0.61788	0.64297	0.66845	0.69431	0.72057	0.74724	0.77435	0.80189	0.82989	0.85836	0.88731	1.60
1.62	0.61980	0.64497	0.67051	0.69644	0.72278	0.74953	0.77670	0.80432	0.83239	0.86094	0.88997	1.62
1.64	0.62172	0.64695	0.67256	0.69857	0.72498	0.75180	0.77905	0.80674	0.83489	0.86350	0.89261	1.64
1.66	0.62362	0.64893	0.67461	0.70068	0.72716	0.75406	0.78138	0.80914	0.83737	0.86606	0.89524	1.66
1.68	0.62552	0.65089	0.67664	0.70279	0.72934	0.75631	0.78370	0.81154	0.83983	0.86860	0.89786	1.68
1.70	0.62740	0.65284	0.67867	0.70488	0.73151	0.75854	0.78601	0.81392	0.84229	0.87113	0.90046	1.70
1.72	0.62928	0.65479	0.68068	0.70697	0.73366	0.76077	0.78831	0.81629	0.84474	0.87365	0.90306	1.72
1.74	0.63114	0.65673	0.68269	0.70904	0.73581	0.76299	0.79060	0.81865	0.84717	0.87616	0.90564	1.74
1.76	0.63300	0.65865	0.68468	0.71111	0.73794	0.76519	0.79288	0.82100	0.84959	0.87865	0.90821	1.76
1.78	0.63485	0.66057	0.68667	0.71317	0.74007	0.76739	0.79514	0.82334	0.85200	0.88114	0.91076	1.78
1.80	0.63669	0.66248	0.68865	0.71521	0.74218	0.76958	0.79740	0.82567	0.85440	0.88361	0.91331	1.80
1.82	0.63853	0.66438	0.69062	0.71725	0.74429	0.77175	0.79965	0.82799	0.85679	0.88607	0.91585	1.82
1.84	0.64035	0.66627	0.69258	0.71928	0.74639	0.77392	0.80188	0.83030	0.85917	0.88852	0.91837	1.84
1.86	0.64217	0.66815	0.69453	0.72130	0.74848	0.77608	0.80411	0.83259	0.86154	0.89096	0.92088	1.86
1.88	0.64398	0.67003	0.69647	0.72331	0.75055	0.77822	0.80633	0.83488	0.86390	0.89339	0.92338	1.88
1.90	0.64578	0.67190	0.69840	0.72531	0.75262	0.78036	0.80854	0.83716	0.86625	0.89581	0.92588	1.90
1.92	0.64757	0.67375	0.70033	0.72730	0.75468	0.78249	0.81073	0.83943	0.86859	0.89822	0.92836	1.92
1.94	0.64935	0.67560	0.70225	0.72929	0.75674	0.78461	0.81292	0.84169	0.87091	0.90062	0.93083	1.94
1.96	0.65113	0.67745	0.70415	0.73126	0.75878	0.78672	0.81510	0.84393	0.87323	0.90301	0.93329	1.96
1.98	0.65290	0.67928	0.70605	0.73323	0.76081	0.78882	0.81727	0.84617	0.87554	0.90539	0.93574	1.98
2.00	0.65466	0.68111	0.70795	0.73519	0.76284	0.79092	0.81943	0.84840	0.87784	0.90776	0.93818	2.00
GAM \ h	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	GAM

h \ GAM	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
2.0	0.65466	0.68111	0.70795	0.73519	0.76284	0.79092	0.81943	0.84840	0.87784	0.90776	0.93818
2.2	0.67188	0.69897	0.72645	0.75434	0.78265	0.81139	0.84057	0.87021	0.90033	0.93093	0.96204
2.4	0.68845	0.71615	0.74426	0.77277	0.80171	0.83109	0.86092	0.89121	0.92198	0.95324	0.98502
2.6	0.70443	0.73273	0.76143	0.79055	0.82011	0.85010	0.88055	0.91147	0.94288	0.97478	1.00721
2.8	0.71988	0.74875	0.77804	0.80775	0.83790	0.86849	0.89954	0.93107	0.96309	0.99562	1.02867
3.0	0.73485	0.76429	0.79414	0.82442	0.85514	0.88631	0.91795	0.95008	0.98270	1.01583	1.04949
3.2	0.74938	0.77937	0.80977	0.84060	0.87188	0.90362	0.93583	0.96853	1.00174	1.03546	1.06971
3.4	0.76352	0.79403	0.82497	0.85634	0.88817	0.92046	0.95323	0.98649	1.02026	1.05455	1.08939
3.6	0.77728	0.80831	0.83977	0.87168	0.90403	0.93686	0.97017	1.00398	1.03830	1.07316	1.10856
3.8	0.79070	0.82224	0.85421	0.88663	0.91951	0.95286	0.98670	1.02104	1.05591	1.09130	1.12726
4.0	0.80381	0.83584	0.86831	0.90123	0.93462	0.96848	1.00284	1.03771	1.07310	1.10903	1.14552
4.2	0.81662	0.84913	0.88209	0.91550	0.94939	0.98375	1.01862	1.05400	1.08991	1.12636	1.16338
4.4	0.82915	0.86214	0.89557	0.92947	0.96384	0.99870	1.03406	1.06994	1.10636	1.14333	1.18087
4.6	0.84143	0.87488	0.90878	0.94315	0.97799	1.01333	1.04918	1.08556	1.12247	1.15994	1.19799
4.8	0.85346	0.88736	0.92172	0.95655	0.99187	1.02768	1.06401	1.10086	1.13827	1.17623	1.21478
5.0	0.86526	0.89961	0.93442	0.96971	1.00548	1.04176	1.07855	1.11588	1.15376	1.19221	1.23125
5.2	0.87684	0.91163	0.94688	0.98262	1.01884	1.05558	1.09283	1.13063	1.16898	1.20790	1.24742
5.4	0.88822	0.92344	0.95913	0.99530	1.03197	1.06915	1.10686	1.14511	1.18393	1.22332	1.26331
5.6	0.89940	0.93504	0.97116	1.00776	1.04487	1.08249	1.12065	1.15935	1.19862	1.23847	1.27893
5.8	0.91039	0.94646	0.98299	1.02002	1.05756	1.09562	1.13421	1.17336	1.21307	1.25338	1.29429
6.0	0.92122	0.95769	0.99464	1.03209	1.07005	1.10853	1.14755	1.18714	1.22729	1.26805	1.30941
6.2	0.93187	0.96874	1.00610	1.04396	1.08234	1.12124	1.16069	1.20071	1.24130	1.28249	1.32430
6.4	0.94236	0.97963	1.01740	1.05566	1.09445	1.13377	1.17364	1.21407	1.25509	1.29672	1.33896
6.6	0.95270	0.99036	1.02852	1.06719	1.10638	1.14611	1.18639	1.22724	1.26869	1.31074	1.35341
6.8	0.96289	1.00094	1.03949	1.07856	1.11814	1.15827	1.19896	1.24023	1.28209	1.32456	1.36766
7.0	0.97294	1.01138	1.05031	1.08976	1.12975	1.17027	1.21137	1.25304	1.29531	1.33819	1.38172
7.2	0.98286	1.02167	1.06098	1.10082	1.14119	1.18211	1.22360	1.26567	1.30835	1.35164	1.39558
7.4	0.99264	1.03183	1.07152	1.11173	1.15249	1.19380	1.23568	1.27815	1.32122	1.36492	1.40927
7.6	1.00230	1.04185	1.08192	1.12251	1.16364	1.20533	1.24760	1.29046	1.33393	1.37803	1.42278
7.8	1.01184	1.05176	1.09219	1.13315	1.17466	1.21672	1.25937	1.30262	1.34648	1.39098	1.43613
8.0	1.02127	1.06154	1.10233	1.14366	1.18554	1.22798	1.27101	1.31463	1.35888	1.40377	1.44932
8.2	1.03058	1.07121	1.11236	1.15405	1.19629	1.23910	1.28250	1.32651	1.37114	1.41641	1.46235
8.4	1.03979	1.08076	1.12227	1.16431	1.20692	1.25010	1.29386	1.33824	1.38325	1.42891	1.47523
8.6	1.04889	1.09021	1.13207	1.17447	1.21743	1.26097	1.30510	1.34985	1.39523	1.44126	1.48797
8.8	1.05789	1.09955	1.14176	1.18450	1.22782	1.27172	1.31621	1.36132	1.40707	1.45348	1.50056
9.0	1.06679	1.10880	1.15134	1.19444	1.23810	1.28235	1.32720	1.37268	1.41879	1.46557	1.51302
9.2	1.07560	1.11794	1.16082	1.20426	1.24827	1.29287	1.33808	1.38391	1.43039	1.47753	1.52535
9.4	1.08432	1.12699	1.17021	1.21399	1.25834	1.30329	1.34884	1.39503	1.44186	1.48936	1.53756
9.6	1.09295	1.13595	1.17950	1.22361	1.26830	1.31359	1.35950	1.40603	1.45322	1.50108	1.54964
9.8	1.10149	1.14482	1.18870	1.23314	1.27817	1.32380	1.37004	1.41693	1.46447	1.51268	1.56160
10.0	1.10995	1.15360	1.19780	1.24258	1.28794	1.33390	1.38049	1.42772	1.47560	1.52417	1.57344

GAM	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	GAM
0.	0.59607	0.61773	0.63997	0.66266	0.68585	0.70957	0.73384	0.75868	0.78411	0.81016	0.83684	0.
0.02	0.60178	0.62362	0.64503	0.66474	0.69205	0.71590	0.74029	0.76526	0.79081	0.81698	0.84378	0.02
0.04	0.60736	0.62932	0.65176	0.67469	0.69813	0.72210	0.74661	0.77170	0.79738	0.82367	0.85060	0.04
0.06	0.61283	0.63491	0.65747	0.68052	0.70408	0.72817	0.75281	0.77802	0.80382	0.83024	0.85729	0.06
0.08	0.61818	0.64038	0.66307	0.68624	0.70992	0.73414	0.75890	0.78423	0.81015	0.83669	0.86386	0.08
0.10	0.62343	0.64575	0.66856	0.69185	0.71566	0.73999	0.76488	0.79033	0.81637	0.84303	0.87033	0.10
0.12	0.62858	0.65103	0.67395	0.69736	0.72129	0.74575	0.77075	0.79633	0.82249	0.84927	0.87669	0.12
0.14	0.63364	0.65620	0.67924	0.70278	0.72683	0.75140	0.77653	0.80222	0.82851	0.85541	0.88295	0.14
0.16	0.63860	0.66129	0.68445	0.70811	0.73227	0.75697	0.78221	0.80803	0.83444	0.86146	0.88912	0.16
0.18	0.64349	0.66629	0.68957	0.71335	0.73763	0.76245	0.78781	0.81375	0.84027	0.86741	0.89519	0.18
0.20	0.64829	0.67122	0.69461	0.71850	0.74291	0.76784	0.79332	0.81938	0.84602	0.87328	0.90118	0.20
0.22	0.65302	0.67606	0.69958	0.72358	0.74810	0.77315	0.79876	0.82493	0.85169	0.87907	0.90709	0.22
0.24	0.65768	0.68083	0.70446	0.72859	0.75323	0.77839	0.80411	0.83040	0.85728	0.88478	0.91292	0.24
0.26	0.66227	0.68554	0.70928	0.73352	0.75827	0.78356	0.80939	0.83580	0.86280	0.89041	0.91867	0.26
0.28	0.66679	0.69017	0.71403	0.73839	0.76325	0.78865	0.81460	0.84112	0.86824	0.89597	0.92435	0.28
0.30	0.67125	0.69475	0.71872	0.74319	0.76817	0.79368	0.81974	0.84638	0.87361	0.90146	0.92995	0.30
0.32	0.67565	0.69926	0.72334	0.74792	0.77302	0.79864	0.82482	0.85157	0.87892	0.90688	0.93549	0.32
0.34	0.67999	0.70371	0.72790	0.75260	0.77780	0.80354	0.82983	0.85670	0.88416	0.91224	0.94096	0.34
0.36	0.68427	0.70810	0.73241	0.75721	0.78253	0.80838	0.83479	0.86176	0.88934	0.91753	0.94637	0.36
0.38	0.68851	0.71244	0.73686	0.76177	0.78720	0.81316	0.83968	0.86677	0.89446	0.92276	0.95172	0.38
0.40	0.69268	0.71673	0.74126	0.76628	0.79182	0.81789	0.84452	0.87172	0.89952	0.92794	0.95700	0.40
0.42	0.69681	0.72097	0.74560	0.77073	0.79638	0.82256	0.84930	0.87661	0.90452	0.93306	0.96223	0.42
0.44	0.70089	0.72515	0.74990	0.77514	0.80089	0.82719	0.85403	0.88146	0.90948	0.93812	0.96741	0.44
0.46	0.70493	0.72930	0.75414	0.77949	0.80536	0.83176	0.85871	0.88624	0.91438	0.94313	0.97253	0.46
0.48	0.70892	0.73339	0.75835	0.78380	0.80977	0.83628	0.86334	0.89098	0.91922	0.94809	0.97760	0.48
0.50	0.71286	0.73744	0.76250	0.78806	0.81414	0.84075	0.86792	0.89567	0.92402	0.95300	0.98262	0.50
0.52	0.71677	0.74145	0.76661	0.79228	0.81846	0.84518	0.87246	0.90032	0.92877	0.95786	0.98759	0.52
0.54	0.72063	0.74542	0.77068	0.79645	0.82274	0.84957	0.87695	0.90491	0.93348	0.96267	0.99251	0.54
0.56	0.72445	0.74934	0.77471	0.80059	0.82698	0.85391	0.88140	0.90947	0.93814	0.96744	0.99739	0.56
0.58	0.72824	0.75323	0.77870	0.80468	0.83117	0.85821	0.88580	0.91398	0.94276	0.97216	1.00222	0.58
0.60	0.73199	0.75708	0.78265	0.80873	0.83533	0.86247	0.89017	0.91845	0.94733	0.97684	1.00700	0.60
0.62	0.73570	0.76089	0.78657	0.81275	0.83945	0.86669	0.89449	0.92287	0.95186	0.98148	1.01175	0.62
0.64	0.73938	0.76467	0.79044	0.81672	0.84353	0.87087	0.89878	0.92726	0.95636	0.98608	1.01645	0.64
0.66	0.74302	0.76841	0.79429	0.82067	0.84757	0.87502	0.90302	0.93161	0.96081	0.99063	1.02112	0.66
0.68	0.74663	0.77212	0.79809	0.82457	0.85158	0.87912	0.90723	0.93592	0.96522	0.99515	1.02574	0.68
0.70	0.75021	0.77579	0.80187	0.82845	0.85555	0.88320	0.91141	0.94020	0.96960	0.99963	1.03032	0.70
0.72	0.75376	0.77944	0.80561	0.83229	0.85949	0.88723	0.91554	0.94444	0.97394	1.00408	1.03487	0.72
0.74	0.75727	0.78305	0.80932	0.83609	0.86339	0.89124	0.91965	0.94864	0.97825	1.00849	1.03938	0.74
0.76	0.76076	0.78663	0.81300	0.83987	0.86727	0.89521	0.92372	0.95282	0.98252	1.01286	1.04386	0.76
0.78	0.76422	0.79018	0.81665	0.84361	0.87111	0.89915	0.92776	0.95695	0.98676	1.01720	1.04830	0.78
0.80	0.76764	0.79371	0.82026	0.84733	0.87492	0.90306	0.93176	0.96106	0.99096	1.02150	1.05270	0.80
0.82	0.77105	0.79720	0.82385	0.85101	0.87870	0.90694	0.93574	0.96513	0.99514	1.02578	1.05708	0.82
0.84	0.77442	0.80067	0.82742	0.85467	0.88245	0.91079	0.93969	0.96918	0.99928	1.03002	1.06142	0.84
0.86	0.77777	0.80411	0.83095	0.85830	0.88618	0.91461	0.94360	0.97319	1.00339	1.03423	1.06573	0.86
0.88	0.78109	0.80753	0.83446	0.86190	0.88987	0.91840	0.94749	0.97717	1.00747	1.03841	1.07001	0.88
0.90	0.78439	0.81092	0.83794	0.86548	0.89354	0.92216	0.95135	0.98113	1.01152	1.04255	1.07425	0.90
0.92	0.78766	0.81428	0.84140	0.86902	0.89718	0.92589	0.95518	0.98505	1.01554	1.04667	1.07847	0.92
0.94	0.79091	0.81762	0.84483	0.87255	0.90080	0.92960	0.95898	0.98895	1.01954	1.05076	1.08266	0.94
0.96	0.79413	0.82093	0.84823	0.87604	0.90439	0.93329	0.96276	0.99282	1.02350	1.05483	1.08682	0.96
0.98	0.79734	0.82423	0.85161	0.87952	0.90795	0.93694	0.96651	0.99667	1.02744	1.05886	1.09095	0.98
1.00	0.80051	0.82749	0.85497	0.88297	0.91150	0.94058	0.97023	1.00049	1.03136	1.06287	1.09506	1.00
GAM	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	GAM

GAM \\ h	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
1.00	0.80051	0.82749	0.85497	0.88297	0.91150	0.94058	0.97023	1.00049	1.03136	1.06287	1.09506
1.02	0.80367	0.83074	0.85831	0.88639	0.91501	0.94419	0.97393	1.00428	1.03524	1.06685	1.09913
1.04	0.80681	0.83397	0.86162	0.88980	0.91850	0.94777	0.97761	1.00805	1.03911	1.07081	1.10319
1.06	0.80992	0.83717	0.86491	0.89318	0.92197	0.95133	0.98126	1.01179	1.04294	1.07474	1.10721
1.08	0.81302	0.84035	0.86818	0.89653	0.92542	0.95487	0.98489	1.01551	1.04676	1.07865	1.11121
1.10	0.81609	0.84351	0.87143	0.89987	0.92885	0.95838	0.98850	1.01921	1.05054	1.08253	1.11519
1.12	0.81915	0.84665	0.87466	0.90318	0.93225	0.96187	0.99208	1.02288	1.05431	1.08639	1.11914
1.14	0.82218	0.84977	0.87786	0.90648	0.93563	0.96535	0.99564	1.02653	1.05805	1.09022	1.12306
1.16	0.82519	0.85287	0.88105	0.90975	0.93899	0.96880	0.99918	1.03016	1.06177	1.09403	1.12697
1.18	0.82819	0.85595	0.88422	0.91301	0.94233	0.97222	1.00269	1.03377	1.06547	1.09782	1.13085
1.20	0.83117	0.85902	0.88737	0.91624	0.94566	0.97563	1.00619	1.03735	1.06914	1.10159	1.13471
1.22	0.83413	0.86206	0.89050	0.91945	0.94896	0.97902	1.00967	1.04092	1.07280	1.10533	1.13854
1.24	0.83707	0.86509	0.89361	0.92265	0.95224	0.98239	1.01312	1.04446	1.07643	1.10905	1.14235
1.26	0.84000	0.86809	0.89670	0.92583	0.95550	0.98574	1.01656	1.04798	1.08004	1.11275	1.14615
1.28	0.84290	0.87108	0.89977	0.92898	0.95874	0.98906	1.01997	1.05149	1.08363	1.11643	1.14992
1.30	0.84579	0.87406	0.90283	0.93212	0.96197	0.99238	1.02337	1.05497	1.08720	1.12009	1.15367
1.32	0.84867	0.87701	0.90587	0.93525	0.96517	0.99567	1.02675	1.05843	1.09076	1.12373	1.15739
1.34	0.85153	0.87995	0.90889	0.93835	0.96836	0.99894	1.03011	1.06188	1.09429	1.12735	1.16110
1.36	0.85437	0.88288	0.91189	0.94144	0.97153	1.00220	1.03345	1.06531	1.09780	1.13095	1.16479
1.38	0.85719	0.88578	0.91488	0.94451	0.97469	1.00543	1.03677	1.06871	1.10129	1.13454	1.16846
1.40	0.86000	0.88867	0.91785	0.94757	0.97783	1.00865	1.04007	1.07210	1.10477	1.13810	1.17211
1.42	0.86280	0.89155	0.92081	0.95060	0.98095	1.01186	1.04336	1.07548	1.10823	1.14164	1.17574
1.44	0.86558	0.89441	0.92375	0.95363	0.98405	1.01504	1.04663	1.07883	1.11167	1.14517	1.17936
1.46	0.86835	0.89725	0.92668	0.95663	0.98714	1.01821	1.04988	1.08217	1.11509	1.14868	1.18295
1.48	0.87110	0.90008	0.92959	0.95962	0.99021	1.02137	1.05312	1.08549	1.11850	1.15217	1.18653
1.50	0.87383	0.90290	0.93248	0.96260	0.99327	1.02451	1.05634	1.08879	1.12188	1.15564	1.19009
1.52	0.87656	0.90570	0.93536	0.96556	0.99631	1.02765	1.05955	1.09208	1.12525	1.15909	1.19363
1.54	0.87927	0.90849	0.93823	0.96850	0.99933	1.03073	1.06273	1.09535	1.12861	1.16253	1.19715
1.56	0.88196	0.91126	0.94108	0.97143	1.00234	1.03383	1.06591	1.09860	1.13195	1.16595	1.20066
1.58	0.88464	0.91402	0.94392	0.97435	1.00534	1.03690	1.06906	1.10184	1.13527	1.16936	1.20415
1.60	0.88731	0.91677	0.94674	0.97725	1.00832	1.03996	1.07220	1.10507	1.13857	1.17275	1.20762
1.62	0.88997	0.91950	0.94955	0.98014	1.01129	1.04301	1.07533	1.10828	1.14186	1.17612	1.21108
1.64	0.89261	0.92222	0.95235	0.98301	1.01424	1.04604	1.07844	1.11147	1.14514	1.17948	1.21452
1.66	0.89524	0.92492	0.95513	0.98587	1.01718	1.04906	1.08154	1.11465	1.14840	1.18282	1.21794
1.68	0.89786	0.92762	0.95790	0.98872	1.02010	1.05206	1.08462	1.11781	1.15164	1.18615	1.22135
1.70	0.90046	0.93030	0.96066	0.99156	1.02301	1.05505	1.08769	1.12096	1.15487	1.18946	1.22475
1.72	0.90306	0.93297	0.96340	0.99438	1.02591	1.05803	1.09075	1.12409	1.15809	1.19276	1.22813
1.74	0.90564	0.93562	0.96613	0.99718	1.02880	1.06099	1.09379	1.12721	1.16129	1.19604	1.23150
1.76	0.90821	0.93827	0.96885	0.99998	1.03167	1.06394	1.09682	1.13032	1.16448	1.19931	1.23484
1.78	0.91076	0.94090	0.97156	1.00276	1.03453	1.06688	1.09983	1.13341	1.16765	1.20256	1.23817
1.80	0.91331	0.94352	0.97425	1.00553	1.03737	1.06980	1.10283	1.13649	1.17081	1.20580	1.24149
1.82	0.91585	0.94613	0.97694	1.00829	1.04021	1.07271	1.10582	1.13956	1.17395	1.20902	1.24480
1.84	0.91837	0.94873	0.97961	1.01104	1.04303	1.07561	1.10880	1.14261	1.17708	1.21223	1.24809
1.86	0.92088	0.95131	0.98227	1.01377	1.04584	1.07849	1.11176	1.14565	1.18020	1.21543	1.25137
1.88	0.92338	0.95389	0.98492	1.01649	1.04864	1.08137	1.11471	1.14868	1.18331	1.21862	1.25463
1.90	0.92588	0.95645	0.98755	1.01920	1.05142	1.08423	1.11765	1.15169	1.18640	1.22179	1.25788
1.92	0.92836	0.95900	0.99018	1.02190	1.05420	1.08708	1.12057	1.15470	1.18948	1.22494	1.26112
1.94	0.93083	0.96154	0.99279	1.02459	1.05696	1.08992	1.12348	1.15769	1.19255	1.22809	1.26435
1.96	0.93329	0.96408	0.99540	1.02727	1.05971	1.09274	1.12638	1.16066	1.19560	1.23122	1.26756
1.98	0.93574	0.96660	0.99799	1.02993	1.06245	1.09555	1.12927	1.16363	1.19864	1.23434	1.27075
2.00	0.93818	0.96911	1.00057	1.03259	1.06518	1.09836	1.13215	1.16658	1.20167	1.23745	1.27394

GAM \ h	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
2.0	0.93818	0.96911	1.00057	1.03259	1.06518	1.09836	1.13215	1.16658	1.20167	1.23745	1.27394
2.2	0.96204	0.99367	1.02584	1.05857	1.09188	1.12579	1.16031	1.19549	1.23133	1.26786	1.30512
2.4	0.98502	1.01733	1.05018	1.08360	1.11760	1.15221	1.18745	1.22334	1.25991	1.29718	1.33519
2.6	1.00721	1.04017	1.07368	1.10776	1.14244	1.17773	1.21366	1.25025	1.28752	1.32551	1.36424
2.8	1.02867	1.06227	1.09642	1.13115	1.16649	1.20244	1.23904	1.27630	1.31426	1.35294	1.39237
3.0	1.04949	1.08370	1.11848	1.15384	1.18981	1.22641	1.26366	1.30158	1.34021	1.37956	1.41967
3.2	1.06971	1.10452	1.13991	1.17588	1.21247	1.24970	1.28758	1.32615	1.36542	1.40544	1.44621
3.4	1.08939	1.12478	1.16076	1.19733	1.23453	1.27236	1.31087	1.35006	1.38997	1.43062	1.47205
3.6	1.10856	1.14452	1.18108	1.21823	1.25602	1.29445	1.33356	1.37336	1.41389	1.45517	1.49724
3.8	1.12726	1.16378	1.20090	1.23863	1.27699	1.31601	1.35571	1.39611	1.43724	1.47914	1.52182
4.0	1.14552	1.18260	1.22026	1.25855	1.29748	1.33707	1.37734	1.41833	1.46006	1.50255	1.54584
4.2	1.16338	1.20099	1.23920	1.27803	1.31751	1.35766	1.39850	1.44007	1.48237	1.52545	1.56934
4.4	1.18087	1.21899	1.25773	1.29710	1.33713	1.37782	1.41922	1.46134	1.50422	1.54788	1.59235
4.6	1.19799	1.23663	1.27589	1.31579	1.35634	1.39757	1.43952	1.48219	1.52563	1.56985	1.61489
4.8	1.21478	1.25392	1.29369	1.33410	1.37518	1.41694	1.45942	1.50263	1.54662	1.59140	1.63700
5.0	1.23125	1.27089	1.31116	1.35208	1.39366	1.43595	1.47895	1.52270	1.56722	1.61254	1.65870
5.2	1.24742	1.28755	1.32831	1.36972	1.41182	1.45461	1.49813	1.54240	1.58745	1.63331	1.68001
5.4	1.26331	1.30392	1.34516	1.38706	1.42965	1.47294	1.51697	1.56175	1.60733	1.65371	1.70095
5.6	1.27893	1.32001	1.36173	1.40411	1.44719	1.49097	1.53550	1.58079	1.62687	1.67378	1.72154
5.8	1.29429	1.33583	1.37802	1.42088	1.46443	1.50871	1.55372	1.59951	1.64610	1.69352	1.74180
6.0	1.30941	1.35141	1.39406	1.43738	1.48141	1.52616	1.57166	1.61794	1.66503	1.71295	1.76174
6.2	1.32430	1.36674	1.40985	1.45364	1.49813	1.54335	1.58933	1.63609	1.68367	1.73208	1.78138
6.4	1.33896	1.38185	1.42540	1.46964	1.51460	1.56028	1.60673	1.65397	1.70203	1.75094	1.80073
6.6	1.35341	1.39674	1.44073	1.48542	1.53083	1.57697	1.62388	1.67159	1.72013	1.76952	1.81980
6.8	1.36766	1.41142	1.45585	1.50098	1.54683	1.59343	1.64080	1.68897	1.73797	1.78784	1.83861
7.0	1.38172	1.42590	1.47076	1.51632	1.56261	1.60966	1.65748	1.70611	1.75558	1.80592	1.85716
7.2	1.39558	1.44018	1.48547	1.53146	1.57819	1.62567	1.67394	1.72302	1.77295	1.82375	1.87546
7.4	1.40927	1.45429	1.49999	1.54641	1.59356	1.64148	1.69019	1.73972	1.79010	1.84136	1.89354
7.6	1.42278	1.46821	1.51433	1.56116	1.60874	1.65709	1.70624	1.75621	1.80703	1.85875	1.91138
7.8	1.43613	1.48196	1.52849	1.57574	1.62374	1.67251	1.72209	1.77249	1.82376	1.87592	1.92901
8.0	1.44932	1.49555	1.54248	1.59014	1.63855	1.68774	1.73774	1.78858	1.84028	1.89289	1.94643
8.2	1.46235	1.50897	1.55630	1.60437	1.65319	1.70280	1.75322	1.80448	1.85662	1.90966	1.96364
8.4	1.47523	1.52224	1.56997	1.61844	1.66767	1.71768	1.76852	1.82020	1.87276	1.92624	1.98066
8.6	1.48797	1.53537	1.58349	1.63235	1.68198	1.73240	1.78365	1.83575	1.88873	1.94263	1.99749
8.8	1.50056	1.54835	1.59685	1.64610	1.69613	1.74696	1.79861	1.85112	1.90452	1.95885	2.01413
9.0	1.51302	1.56119	1.61007	1.65971	1.71013	1.76136	1.81341	1.86633	1.92015	1.97489	2.03060
9.2	1.52535	1.57389	1.62316	1.67318	1.72399	1.77561	1.82806	1.88138	1.93561	1.99077	2.04690
9.4	1.53756	1.58646	1.63611	1.68651	1.73770	1.78971	1.84256	1.89628	1.95091	2.00648	2.06303
9.6	1.54964	1.59891	1.64893	1.69971	1.75128	1.80367	1.85691	1.91103	1.96606	2.02204	2.07900
9.8	1.56160	1.61124	1.66162	1.71277	1.76472	1.81749	1.87112	1.92563	1.98106	2.03744	2.09481
10.0	1.57344	1.62344	1.67419	1.72571	1.77803	1.83118	1.88519	1.94009	1.99592	2.05269	2.11047

GAM / h	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	h / GAM
0.0	0.83684	0.86419	0.89222	0.92098	0.95049	0.98078	1.01189	1.04387	1.07674	1.11055	1.14536	0.
0.02	0.84378	0.87125	0.89941	0.92829	0.95792	0.98834	1.01958	1.05168	1.08467	1.11861	1.15355	0.02
0.04	0.85060	0.87819	0.90647	0.93547	0.96523	0.99577	1.02714	1.05936	1.09248	1.12655	1.16161	0.04
0.06	0.85729	0.88500	0.91341	0.94254	0.97242	1.00308	1.03457	1.06692	1.10017	1.13436	1.16955	0.06
0.08	0.86386	0.89170	0.92023	0.94948	0.97949	1.01028	1.04189	1.07436	1.10774	1.14206	1.17737	0.08
0.10	0.87033	0.89829	0.92694	0.95632	0.98644	1.01736	1.04910	1.08170	1.11520	1.14964	1.18508	0.10
0.12	0.87669	0.90477	0.93355	0.96305	0.99330	1.02434	1.05620	1.08892	1.12255	1.15712	1.19269	0.12
0.14	0.88295	0.91116	0.94005	0.96968	1.00005	1.03121	1.06320	1.09605	1.12980	1.16450	1.20019	0.14
0.16	0.88912	0.91744	0.94646	0.97621	1.00671	1.03799	1.07010	1.10307	1.13695	1.17177	1.20759	0.16
0.18	0.89519	0.92364	0.95278	0.98265	1.01327	1.04468	1.07691	1.11001	1.14401	1.17896	1.21490	0.18
0.20	0.90118	0.92975	0.95901	0.98900	1.01974	1.05127	1.08363	1.11685	1.15098	1.18605	1.22212	0.20
0.22	0.90709	0.93578	0.96516	0.99527	1.02613	1.05778	1.09026	1.12361	1.15786	1.19306	1.22925	0.22
0.24	0.91292	0.94172	0.97123	1.00145	1.03244	1.06421	1.09681	1.13028	1.16465	1.19998	1.23630	0.24
0.26	0.91867	0.94759	0.97721	1.00756	1.03867	1.07056	1.10328	1.13687	1.17137	1.20682	1.24327	0.26
0.28	0.92434	0.95339	0.98313	1.01359	1.04482	1.07683	1.10968	1.14339	1.17801	1.21358	1.25015	0.28
0.30	0.92995	0.95911	0.98897	1.01955	1.05090	1.08303	1.11600	1.14983	1.18457	1.22027	1.25696	0.30
0.32	0.93549	0.96477	0.99474	1.02544	1.05691	1.08916	1.12225	1.15620	1.19106	1.22688	1.26370	0.32
0.34	0.94096	0.97035	1.00045	1.03127	1.06285	1.09522	1.12842	1.16250	1.19748	1.23342	1.27036	0.34
0.36	0.94637	0.97588	1.00609	1.03702	1.06872	1.10121	1.13454	1.16873	1.20383	1.23989	1.27696	0.36
0.38	0.95172	0.98134	1.01166	1.04272	1.07453	1.10714	1.14058	1.17489	1.21012	1.24630	1.28349	0.38
0.40	0.95700	0.98674	1.01718	1.04835	1.08028	1.11301	1.14657	1.18100	1.21634	1.25264	1.28995	0.40
0.42	0.96223	0.99209	1.02264	1.05392	1.08597	1.11881	1.15249	1.18704	1.22250	1.25892	1.29636	0.42
0.44	0.96741	0.99737	1.02804	1.05944	1.09160	1.12456	1.15835	1.19302	1.22860	1.26514	1.30270	0.44
0.46	0.97253	1.00261	1.03339	1.06490	1.09718	1.13025	1.16416	1.19894	1.23464	1.27130	1.30898	0.46
0.48	0.97760	1.00779	1.03868	1.07030	1.10269	1.13588	1.16991	1.20481	1.24063	1.27741	1.31520	0.48
0.50	0.98262	1.01292	1.04392	1.07566	1.10816	1.14146	1.17560	1.21062	1.24656	1.28345	1.32136	0.50
0.52	0.98759	1.01800	1.04911	1.08096	1.11357	1.14699	1.18125	1.21638	1.25243	1.28945	1.32748	0.52
0.54	0.99251	1.02303	1.05425	1.08621	1.11894	1.15247	1.18684	1.22209	1.25825	1.29539	1.33353	0.54
0.56	0.99739	1.02801	1.05935	1.09142	1.12426	1.15790	1.19238	1.22774	1.26403	1.30128	1.33954	0.56
0.58	1.00222	1.03295	1.06440	1.09658	1.12953	1.16328	1.19788	1.23335	1.26975	1.30711	1.34550	0.58
0.60	1.00700	1.03785	1.06940	1.10169	1.13475	1.16861	1.20332	1.23891	1.27542	1.31290	1.35140	0.60
0.62	1.01175	1.04270	1.07436	1.10676	1.13993	1.17390	1.20872	1.24442	1.28105	1.31865	1.35726	0.62
0.64	1.01645	1.04751	1.07928	1.11178	1.14506	1.17915	1.21408	1.24989	1.28663	1.32434	1.36307	0.64
0.66	1.02112	1.05228	1.08415	1.11677	1.15015	1.18435	1.21939	1.25532	1.29217	1.32999	1.36884	0.66
0.68	1.02574	1.05701	1.08899	1.12171	1.15520	1.18951	1.22466	1.26070	1.29766	1.33560	1.37456	0.68
0.70	1.03032	1.06170	1.09378	1.12661	1.16021	1.19463	1.22989	1.26603	1.30311	1.34116	1.38023	0.70
0.72	1.03487	1.06635	1.09854	1.13147	1.16518	1.19971	1.23507	1.27133	1.30852	1.34668	1.38587	0.72
0.74	1.03938	1.07096	1.10326	1.13630	1.17011	1.20474	1.24022	1.27659	1.31388	1.35216	1.39146	0.74
0.76	1.04386	1.07554	1.10794	1.14109	1.17501	1.20974	1.24533	1.28180	1.31921	1.35760	1.39701	0.76
0.78	1.04830	1.08008	1.11259	1.14584	1.17986	1.21471	1.25040	1.28698	1.32450	1.36300	1.40252	0.78
0.80	1.05270	1.08459	1.11720	1.15055	1.18469	1.21963	1.25543	1.29212	1.32975	1.36836	1.40799	0.80
0.82	1.05708	1.08907	1.12179	1.15523	1.18947	1.22452	1.26043	1.29723	1.33496	1.37368	1.41342	0.82
0.84	1.06142	1.09351	1.12632	1.15988	1.19422	1.22938	1.26539	1.30230	1.34014	1.37896	1.41882	0.84
0.86	1.06573	1.09792	1.13083	1.16449	1.19894	1.23420	1.27032	1.30733	1.34528	1.38421	1.42418	0.86
0.88	1.07001	1.10230	1.13531	1.16907	1.20362	1.23899	1.27521	1.31233	1.35038	1.38943	1.42950	0.88
0.90	1.07425	1.10664	1.13976	1.17362	1.20827	1.24374	1.28007	1.31729	1.35546	1.39460	1.43479	0.90
0.92	1.07847	1.11096	1.14417	1.17814	1.21289	1.24846	1.28489	1.32222	1.36049	1.39975	1.44004	0.92
0.94	1.08266	1.11525	1.14856	1.18263	1.21748	1.25315	1.28969	1.32712	1.36550	1.40486	1.44526	0.94
0.96	1.08682	1.11951	1.15292	1.18708	1.22204	1.25781	1.29445	1.33199	1.37047	1.40994	1.45045	0.96
0.98	1.09095	1.12374	1.15724	1.19151	1.22656	1.26244	1.29918	1.33682	1.37541	1.41498	1.45560	0.98
1.00	1.09506	1.12794	1.16154	1.19591	1.23106	1.26704	1.30388	1.34163	1.38032	1.42000	1.46072	1.00
GAM / h	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	h / GAM

GAM	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	GAM
1.00	1.09506	1.12794	1.16154	1.19591	1.23106	1.26704	1.30388	1.34163	1.38032	1.42000	1.46072	1.00
1.02	1.09913	1.13211	1.16582	1.20028	1.23553	1.27161	1.30855	1.34640	1.38519	1.42498	1.46581	1.02
1.04	1.10319	1.13626	1.17006	1.20462	1.23997	1.27615	1.31320	1.35115	1.39004	1.42994	1.47087	1.04
1.06	1.10721	1.14038	1.17428	1.20894	1.24439	1.28067	1.31781	1.35586	1.39486	1.43486	1.47590	1.06
1.08	1.11121	1.14448	1.17847	1.21322	1.24877	1.28515	1.32240	1.36055	1.39965	1.43975	1.48090	1.08
1.10	1.11519	1.14855	1.18264	1.21749	1.25313	1.28961	1.32695	1.36521	1.40441	1.44462	1.48587	1.10
1.12	1.11914	1.15259	1.18678	1.22172	1.25747	1.29404	1.33149	1.36984	1.40915	1.44945	1.49081	1.12
1.14	1.12306	1.15661	1.19089	1.22593	1.26178	1.29845	1.33599	1.37445	1.41385	1.45426	1.49572	1.14
1.16	1.12697	1.16061	1.19498	1.23012	1.26606	1.30283	1.34047	1.37902	1.41853	1.45904	1.50061	1.16
1.18	1.13085	1.16458	1.19905	1.23428	1.27032	1.30718	1.34492	1.38358	1.42318	1.46380	1.50546	1.18
1.20	1.13471	1.16853	1.20309	1.23842	1.27455	1.31151	1.34935	1.38810	1.42781	1.46853	1.51029	1.20
1.22	1.13854	1.17246	1.20711	1.24254	1.27876	1.31582	1.35375	1.39260	1.43241	1.47323	1.51510	1.22
1.24	1.14235	1.17636	1.21111	1.24663	1.28295	1.32010	1.35813	1.39708	1.43699	1.47790	1.51988	1.24
1.26	1.14615	1.18025	1.21509	1.25070	1.28711	1.32436	1.36249	1.40153	1.44154	1.48255	1.52463	1.26
1.28	1.14992	1.18411	1.21904	1.25474	1.29125	1.32859	1.36682	1.40596	1.44607	1.48718	1.52936	1.28
1.30	1.15367	1.18795	1.22297	1.25877	1.29537	1.33281	1.37113	1.41037	1.45057	1.49178	1.53406	1.30
1.32	1.15739	1.19177	1.22688	1.26277	1.29946	1.33700	1.37541	1.41475	1.45505	1.49636	1.53874	1.32
1.34	1.16110	1.19557	1.23077	1.26675	1.30354	1.34116	1.37967	1.41911	1.45950	1.50092	1.54339	1.34
1.36	1.16479	1.19934	1.23464	1.27071	1.30759	1.34531	1.38391	1.42344	1.46394	1.50545	1.54802	1.36
1.38	1.16846	1.20310	1.23849	1.27465	1.31162	1.34943	1.38813	1.42776	1.46835	1.50995	1.55263	1.38
1.40	1.17211	1.20684	1.24232	1.27857	1.31563	1.35354	1.39233	1.43205	1.47274	1.51444	1.55721	1.40
1.42	1.17574	1.21056	1.24613	1.28247	1.31962	1.35762	1.39651	1.43632	1.47710	1.51890	1.56177	1.42
1.44	1.17936	1.21426	1.24992	1.28635	1.32359	1.36168	1.40066	1.44066	1.48145	1.52335	1.56631	1.44
1.46	1.18295	1.21794	1.25369	1.29021	1.32754	1.36572	1.40480	1.44480	1.48577	1.52777	1.57083	1.46
1.48	1.18653	1.22161	1.25744	1.29405	1.33147	1.36975	1.40891	1.44900	1.49007	1.53216	1.57533	1.48
1.50	1.19009	1.22525	1.26117	1.29787	1.33538	1.37375	1.41300	1.45319	1.49436	1.53654	1.57980	1.50
1.52	1.19363	1.22888	1.26489	1.30167	1.33928	1.37773	1.41708	1.45736	1.49862	1.54090	1.58426	1.52
1.54	1.19715	1.23249	1.26858	1.30546	1.34315	1.38170	1.42114	1.46151	1.50286	1.54524	1.58869	1.54
1.56	1.20066	1.23608	1.27226	1.30922	1.34701	1.38564	1.42517	1.46564	1.50708	1.54955	1.59310	1.56
1.58	1.20415	1.23966	1.27592	1.31297	1.35084	1.38957	1.42919	1.46975	1.51128	1.55385	1.59749	1.58
1.60	1.20762	1.24322	1.27957	1.31671	1.35466	1.39348	1.43319	1.47384	1.51547	1.55813	1.60187	1.60
1.62	1.21108	1.24676	1.28320	1.32042	1.35847	1.39737	1.43717	1.47791	1.51963	1.56238	1.60622	1.62
1.64	1.21452	1.25029	1.28681	1.32412	1.36225	1.40124	1.44113	1.48196	1.52378	1.56662	1.61055	1.64
1.66	1.21794	1.25379	1.29040	1.32780	1.36602	1.40510	1.44508	1.48600	1.52790	1.57084	1.61487	1.66
1.68	1.22135	1.25729	1.29398	1.33146	1.36977	1.40894	1.44901	1.49002	1.53201	1.57504	1.61916	1.68
1.70	1.22475	1.26077	1.29754	1.33511	1.37350	1.41276	1.45292	1.49402	1.53610	1.57923	1.62344	1.70
1.72	1.22813	1.26423	1.30109	1.33874	1.37722	1.41656	1.45681	1.49800	1.54018	1.58339	1.62770	1.72
1.74	1.23149	1.26767	1.30462	1.34236	1.38092	1.42035	1.46069	1.50197	1.54423	1.58754	1.63194	1.74
1.76	1.23484	1.27111	1.30813	1.34596	1.38461	1.42412	1.46455	1.50591	1.54827	1.59167	1.63616	1.76
1.78	1.23817	1.27452	1.31163	1.34954	1.38828	1.42788	1.46839	1.50985	1.55229	1.59578	1.64037	1.78
1.80	1.24149	1.27792	1.31512	1.35311	1.39193	1.43162	1.47222	1.51376	1.55630	1.59988	1.64455	1.80
1.82	1.24480	1.28131	1.31859	1.35666	1.39557	1.43534	1.47603	1.51766	1.56029	1.60396	1.64872	1.82
1.84	1.24809	1.28469	1.32204	1.36020	1.39919	1.43905	1.47982	1.52154	1.56426	1.60802	1.65288	1.84
1.86	1.25137	1.28804	1.32549	1.36373	1.40280	1.44275	1.48360	1.52541	1.56821	1.61207	1.65701	1.86
1.88	1.25463	1.29139	1.32891	1.36724	1.40639	1.44642	1.48737	1.52926	1.57215	1.61609	1.66113	1.88
1.90	1.25788	1.29472	1.33232	1.37073	1.40997	1.45009	1.49111	1.53310	1.57608	1.62011	1.66524	1.90
1.92	1.26112	1.29804	1.33572	1.37421	1.41354	1.45374	1.49485	1.53692	1.57999	1.62410	1.66932	1.92
1.94	1.26435	1.30134	1.33911	1.37768	1.41709	1.45737	1.49857	1.54072	1.58388	1.62809	1.67339	1.94
1.96	1.26756	1.30463	1.34248	1.38113	1.42062	1.46099	1.50227	1.54451	1.58776	1.63205	1.67745	1.96
1.98	1.27075	1.30791	1.34584	1.38457	1.42414	1.46459	1.50596	1.54829	1.59162	1.63600	1.68149	1.98
2.00	1.27394	1.31117	1.34918	1.38800	1.42765	1.46818	1.50964	1.55205	1.59546	1.63994	1.68551	2.00
GAM	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	GAM

GAM / h	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
2.0	1.27394	1.31117	1.34918	1.38800	1.42765	1.46818	1.50964	1.55205	1.59546	1.63994	1.68551
2.2	1.30512	1.34314	1.38193	1.42154	1.46200	1.50335	1.54563	1.58889	1.63315	1.67849	1.72494
2.4	1.33519	1.37395	1.41351	1.45389	1.49513	1.53728	1.58036	1.62443	1.66952	1.71569	1.76300
2.6	1.36424	1.40373	1.44403	1.48516	1.52716	1.57008	1.61394	1.65880	1.70470	1.75169	1.79982
2.8	1.39237	1.43258	1.47359	1.51546	1.55820	1.60186	1.64648	1.69211	1.73879	1.78657	1.83551
3.0	1.41967	1.46057	1.50229	1.54486	1.58832	1.63272	1.67808	1.72446	1.77190	1.82046	1.87018
3.2	1.44621	1.48778	1.53019	1.57345	1.61761	1.66272	1.70880	1.75592	1.80410	1.85341	1.90391
3.4	1.47205	1.51428	1.55735	1.60129	1.64614	1.69194	1.73873	1.78655	1.83547	1.88552	1.93676
3.6	1.49724	1.54011	1.58383	1.62843	1.67395	1.72043	1.76791	1.81644	1.86606	1.91683	1.96881
3.8	1.52182	1.56532	1.60968	1.65493	1.70110	1.74825	1.79640	1.84562	1.89593	1.94741	2.00011
4.0	1.54584	1.58996	1.63494	1.68082	1.72764	1.77544	1.82425	1.87414	1.92514	1.97731	2.03071
4.2	1.56934	1.61406	1.65966	1.70616	1.75361	1.80204	1.85150	1.90205	1.95371	2.00657	2.06065
4.4	1.59235	1.63766	1.68386	1.73097	1.77903	1.82809	1.87819	1.92938	1.98170	2.03522	2.08999
4.6	1.61489	1.66079	1.70757	1.75528	1.80395	1.85362	1.90435	1.95617	2.00914	2.06331	2.11874
4.8	1.63700	1.68347	1.73083	1.77912	1.82839	1.87867	1.93000	1.98245	2.03605	2.09087	2.14695
5.0	1.65470	1.70573	1.75366	1.80253	1.85238	1.90325	1.95519	2.00825	2.06247	2.11792	2.17465
5.2	1.68001	1.72759	1.77608	1.82551	1.87594	1.92740	1.97993	2.03359	2.08842	2.14449	2.20186
5.4	1.70095	1.74907	1.79811	1.84810	1.89910	1.95113	2.00424	2.05850	2.11393	2.17062	2.22860
5.6	1.72154	1.77020	1.81978	1.87032	1.92187	1.97447	2.02816	2.08299	2.13902	2.19631	2.25491
5.8	1.74180	1.79098	1.84109	1.89218	1.94427	1.99743	2.05169	2.10710	2.16371	2.22159	2.28079
6.0	1.76174	1.81144	1.86208	1.91369	1.96633	2.02003	2.07485	2.13083	2.18802	2.24648	2.30628
6.2	1.78138	1.83159	1.88274	1.93489	1.98806	2.04230	2.09766	2.15420	2.21196	2.27100	2.33138
6.4	1.80073	1.85144	1.90311	1.95577	2.00946	2.06424	2.12015	2.17723	2.23555	2.29516	2.35613
6.6	1.81980	1.87101	1.92318	1.97635	2.03056	2.08587	2.14231	2.19994	2.25881	2.31898	2.38052
6.8	1.83861	1.89030	1.94297	1.99664	2.05137	2.10719	2.16416	2.22233	2.28174	2.34247	2.40457
7.0	1.85716	1.90934	1.96249	2.01667	2.07190	2.12824	2.18572	2.24442	2.30437	2.36565	2.42831
7.2	1.87546	1.92812	1.98176	2.03643	2.09216	2.14900	2.20700	2.26622	2.32671	2.38852	2.45173
7.4	1.89354	1.94666	2.00078	2.05593	2.11216	2.16950	2.22801	2.28775	2.34876	2.41111	2.47486
7.6	1.91138	1.96498	2.01957	2.07520	2.13191	2.18974	2.24876	2.30901	2.37054	2.43341	2.49770
7.8	1.92901	1.98306	2.03812	2.09422	2.15142	2.20974	2.26926	2.33001	2.39205	2.45545	2.52027
8.0	1.94643	2.00094	2.05646	2.11303	2.17069	2.22951	2.28951	2.35076	2.41331	2.47722	2.54257
8.2	1.96364	2.01860	2.07458	2.13161	2.18975	2.24904	2.30953	2.37127	2.43432	2.49875	2.56462
8.4	1.98066	2.03606	2.09249	2.14998	2.20859	2.26835	2.32932	2.39155	2.45510	2.52003	2.58641
8.6	1.99749	2.05333	2.11021	2.16815	2.22722	2.28745	2.34889	2.41160	2.47565	2.54108	2.60797
8.8	2.01413	2.07041	2.12773	2.18613	2.24565	2.30634	2.36825	2.43144	2.49597	2.56190	2.62929
9.0	2.03060	2.08731	2.14507	2.20391	2.26388	2.32503	2.38741	2.45107	2.51608	2.58250	2.65039
9.2	2.04690	2.10404	2.16222	2.22150	2.28192	2.34352	2.40637	2.47050	2.53598	2.60289	2.67127
9.4	2.06303	2.12059	2.17921	2.23892	2.29978	2.36183	2.42513	2.48973	2.55569	2.62307	2.69194
9.6	2.07900	2.13698	2.19602	2.25616	2.31746	2.37996	2.44371	2.50877	2.57519	2.64305	2.71240
9.8	2.09481	2.15320	2.21266	2.27324	2.33497	2.39791	2.46210	2.52762	2.59450	2.66283	2.73267
10.0	2.11047	2.16927	2.22915	2.29015	2.35231	2.41568	2.48032	2.54629	2.61363	2.68243	2.75274

GAM / h	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.	1.14536	1.18121	1.21915	1.25625	1.29457	1.33618	1.37815	1.42157	1.46654	1.51314	1.56148
0.02	1.15356	1.18952	1.22650	1.26482	1.30427	1.34501	1.38711	1.43067	1.47576	1.52249	1.57098
0.04	1.16161	1.19771	1.23491	1.27326	1.31284	1.35371	1.39595	1.43963	1.48486	1.53173	1.58035
0.06	1.16955	1.20578	1.24310	1.28159	1.32130	1.36230	1.40466	1.44848	1.49384	1.54085	1.58960
0.08	1.17737	1.21373	1.25118	1.28980	1.32963	1.37076	1.41326	1.45722	1.50271	1.54985	1.59874
0.10	1.18508	1.22157	1.25915	1.29749	1.33786	1.37912	1.42175	1.46584	1.51147	1.55874	1.60777
0.12	1.19269	1.22930	1.26701	1.30598	1.34598	1.38737	1.43014	1.47436	1.52012	1.56753	1.61669
0.14	1.20019	1.23693	1.27477	1.31377	1.35400	1.39552	1.43842	1.48277	1.52867	1.57621	1.62552
0.16	1.20759	1.24446	1.28243	1.32156	1.36192	1.40357	1.44660	1.49108	1.53712	1.58480	1.63424
0.18	1.21490	1.25190	1.28999	1.32925	1.36974	1.41153	1.45469	1.49930	1.54547	1.59329	1.64287
0.20	1.22212	1.25924	1.29747	1.33686	1.37747	1.41939	1.46268	1.50743	1.55373	1.60169	1.65140
0.22	1.22925	1.26650	1.30485	1.34437	1.38512	1.42716	1.47059	1.51547	1.56191	1.61000	1.65985
0.24	1.23630	1.27367	1.31215	1.35180	1.39267	1.43485	1.47841	1.52342	1.56999	1.61822	1.66821
0.26	1.24327	1.28077	1.31937	1.35914	1.40015	1.44245	1.48614	1.53129	1.57799	1.62635	1.67648
0.28	1.25015	1.28778	1.32651	1.36641	1.40754	1.44998	1.49380	1.53908	1.58592	1.63441	1.68467
0.30	1.25696	1.29471	1.33357	1.37360	1.41486	1.45742	1.50137	1.54679	1.59376	1.64239	1.69279
0.32	1.26370	1.30157	1.34056	1.38071	1.42210	1.46480	1.50887	1.55442	1.60152	1.65029	1.70082
0.34	1.27036	1.30836	1.34747	1.38775	1.42927	1.47209	1.51630	1.56198	1.60922	1.65811	1.70879
0.36	1.27696	1.31508	1.35432	1.39472	1.43637	1.47932	1.52366	1.56946	1.61684	1.66587	1.71668
0.38	1.28349	1.32174	1.36109	1.40162	1.44340	1.48648	1.53094	1.57688	1.62438	1.67355	1.72449
0.40	1.28995	1.32832	1.36780	1.40846	1.45036	1.49356	1.53816	1.58423	1.63187	1.68117	1.73224
0.42	1.29636	1.33485	1.37445	1.41523	1.45725	1.50059	1.54531	1.59151	1.63928	1.68871	1.73993
0.44	1.30270	1.34131	1.38104	1.42194	1.46409	1.50755	1.55240	1.59873	1.64663	1.69620	1.74754
0.46	1.30898	1.34771	1.38756	1.42859	1.47086	1.51445	1.55943	1.60589	1.65392	1.70362	1.75510
0.48	1.31520	1.35405	1.39402	1.43518	1.47757	1.52129	1.56640	1.61298	1.66114	1.71097	1.76259
0.50	1.32136	1.36034	1.40043	1.44171	1.48423	1.52807	1.57330	1.62002	1.66831	1.71827	1.77002
0.52	1.32748	1.36657	1.40678	1.44818	1.49083	1.53479	1.58015	1.62700	1.67541	1.72551	1.77739
0.54	1.33353	1.37275	1.41308	1.45460	1.49737	1.54146	1.58695	1.63392	1.68246	1.73269	1.78470
0.56	1.33954	1.37887	1.41933	1.46097	1.50386	1.54807	1.59368	1.64078	1.68946	1.73981	1.79196
0.58	1.34550	1.38495	1.42552	1.46728	1.51029	1.55463	1.60037	1.64759	1.69640	1.74688	1.79916
0.60	1.35140	1.39097	1.43166	1.47354	1.51668	1.56114	1.60700	1.65435	1.70328	1.75390	1.80631
0.62	1.35726	1.39694	1.43776	1.47976	1.52301	1.56760	1.61358	1.66106	1.71012	1.76086	1.81341
0.64	1.36307	1.40287	1.44380	1.48592	1.52930	1.57400	1.62011	1.66772	1.71690	1.76778	1.82045
0.66	1.36884	1.40875	1.44980	1.49204	1.53554	1.58036	1.62660	1.67432	1.72364	1.77464	1.82744
0.68	1.37456	1.41459	1.45575	1.49811	1.54173	1.58668	1.63303	1.68088	1.73032	1.78145	1.83439
0.70	1.38023	1.42038	1.46166	1.50414	1.54787	1.59294	1.63942	1.68740	1.73696	1.78822	1.84128
0.72	1.38587	1.42613	1.46753	1.51012	1.55397	1.59916	1.64576	1.69386	1.74355	1.79494	1.84813
0.74	1.39146	1.43184	1.47335	1.51606	1.56003	1.60534	1.65206	1.70028	1.75010	1.80161	1.85493
0.76	1.39701	1.43750	1.47913	1.52195	1.56604	1.61147	1.65832	1.70666	1.75660	1.80824	1.86169
0.78	1.40252	1.44312	1.48487	1.52781	1.57202	1.61756	1.66453	1.71299	1.76306	1.81482	1.86840
0.80	1.40799	1.44865	1.49057	1.53362	1.57795	1.62361	1.67070	1.71929	1.76947	1.82136	1.87507
0.82	1.41342	1.45425	1.49622	1.53940	1.58384	1.62962	1.67683	1.72554	1.77585	1.82786	1.88170
0.84	1.41882	1.45976	1.50185	1.54513	1.58969	1.63559	1.68291	1.73175	1.78218	1.83432	1.88828
0.86	1.42418	1.46523	1.50743	1.55083	1.59550	1.64152	1.68896	1.73791	1.78847	1.84073	1.89482
0.88	1.42950	1.47067	1.51297	1.55649	1.60128	1.64741	1.69497	1.74404	1.79472	1.84711	1.90132
0.90	1.43479	1.47606	1.51848	1.56211	1.60702	1.65327	1.70094	1.75014	1.80094	1.85345	1.90778
0.92	1.44004	1.48143	1.52396	1.56770	1.61272	1.65908	1.70688	1.75619	1.80711	1.85974	1.91421
0.94	1.44526	1.48676	1.52940	1.57325	1.61838	1.66486	1.71278	1.76221	1.81325	1.86600	1.92059
0.96	1.45045	1.49205	1.53480	1.57877	1.62401	1.67061	1.71864	1.76819	1.81935	1.87223	1.92694
0.98	1.45560	1.49731	1.54018	1.58425	1.62961	1.67632	1.72447	1.77413	1.82541	1.87841	1.93325
1.00	1.46072	1.50254	1.54551	1.58970	1.63517	1.68200	1.73026	1.78004	1.83144	1.88456	1.93952

GAM	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	h
1.00	1.46072	1.50254	1.54551	1.58970	1.63517	1.68200	1.73026	1.78004	1.83144	1.88456	1.93952	1.00
1.02	1.46581	1.50774	1.55082	1.59512	1.64070	1.68764	1.73602	1.78592	1.83744	1.89068	1.94576	1.02
1.04	1.47087	1.51291	1.55610	1.60050	1.64620	1.69325	1.74174	1.79176	1.84339	1.89676	1.95196	1.04
1.06	1.47590	1.51804	1.56134	1.60586	1.65166	1.69883	1.74743	1.79756	1.84932	1.90280	1.95813	1.06
1.08	1.48090	1.52315	1.56655	1.61118	1.65709	1.70437	1.75309	1.80334	1.85521	1.90882	1.96426	1.08
1.10	1.48587	1.52822	1.57173	1.61647	1.66250	1.70989	1.75872	1.80908	1.86107	1.91480	1.97036	1.10
1.12	1.49081	1.53327	1.57689	1.62173	1.66787	1.71537	1.76431	1.81479	1.86690	1.92074	1.97643	1.12
1.14	1.49572	1.53829	1.58201	1.62696	1.67321	1.72082	1.76988	1.82047	1.87270	1.92666	1.98247	1.14
1.16	1.50061	1.54327	1.58711	1.63217	1.67852	1.72624	1.77542	1.82612	1.87846	1.93254	1.98847	1.16
1.18	1.50546	1.54824	1.59217	1.63734	1.68380	1.73164	1.78092	1.83174	1.88420	1.93839	1.99444	1.18
1.20	1.51029	1.55317	1.59721	1.64249	1.68906	1.73700	1.78640	1.83733	1.88990	1.94422	2.00038	1.20
1.22	1.51510	1.55808	1.60223	1.64761	1.69429	1.74234	1.79185	1.84289	1.89558	1.95001	2.00630	1.22
1.24	1.51988	1.56296	1.60721	1.65270	1.69949	1.74765	1.79726	1.84843	1.90123	1.95577	2.01218	1.24
1.26	1.52463	1.56781	1.61217	1.65776	1.70466	1.75293	1.80266	1.85393	1.90684	1.96150	2.01803	1.26
1.28	1.52936	1.57264	1.61711	1.66280	1.70980	1.75818	1.80802	1.85940	1.91243	1.96721	2.02385	1.28
1.30	1.53406	1.57745	1.62201	1.66781	1.71492	1.76341	1.81336	1.86485	1.91799	1.97289	2.02965	1.30
1.32	1.53874	1.58223	1.62690	1.67280	1.72001	1.76861	1.81867	1.87027	1.92353	1.97854	2.03541	1.32
1.34	1.54339	1.58698	1.63175	1.67776	1.72508	1.77378	1.82395	1.87567	1.92904	1.98416	2.04115	1.34
1.36	1.54802	1.59172	1.63659	1.68270	1.73012	1.77893	1.82921	1.88104	1.93452	1.98975	2.04686	1.36
1.38	1.55263	1.59642	1.64140	1.68761	1.73514	1.78406	1.83444	1.88638	1.93997	1.99532	2.05255	1.38
1.40	1.55721	1.60111	1.64618	1.69250	1.74014	1.78916	1.83965	1.89170	1.94540	2.00086	2.05820	1.40
1.42	1.56177	1.60577	1.65094	1.69737	1.74510	1.79423	1.84483	1.89699	1.95080	2.00638	2.06383	1.42
1.44	1.56631	1.61041	1.65568	1.70221	1.75005	1.79928	1.84999	1.90225	1.95618	2.01187	2.06944	1.44
1.46	1.57083	1.61502	1.66040	1.70703	1.75497	1.80431	1.85512	1.90750	1.96153	2.01733	2.07502	1.46
1.48	1.57533	1.61962	1.66510	1.71182	1.75987	1.80931	1.86023	1.91272	1.96686	2.02277	2.08057	1.48
1.50	1.57982	1.62419	1.66977	1.71660	1.76475	1.81429	1.86532	1.91791	1.97216	2.02819	2.08610	1.50
1.52	1.58426	1.62874	1.67442	1.72135	1.76960	1.81925	1.87038	1.92308	1.97745	2.03358	2.09161	1.52
1.54	1.58869	1.63327	1.67905	1.72608	1.77443	1.82419	1.87542	1.92823	1.98270	2.03895	2.09709	1.54
1.56	1.59310	1.63778	1.68366	1.73079	1.77924	1.82910	1.88044	1.93335	1.98794	2.04429	2.10255	1.56
1.58	1.59749	1.64227	1.68824	1.73548	1.78403	1.83399	1.88544	1.93846	1.99315	2.04962	2.10798	1.58
1.60	1.60187	1.64674	1.69281	1.74014	1.78880	1.83886	1.89041	1.94354	1.99834	2.05491	2.11339	1.60
1.62	1.60622	1.65119	1.69736	1.74479	1.79355	1.84371	1.89537	1.94860	2.00350	2.06019	2.11878	1.62
1.64	1.61055	1.65562	1.70189	1.74941	1.79827	1.84854	1.90030	1.95363	2.00865	2.06544	2.12414	1.64
1.66	1.61487	1.66003	1.70639	1.75402	1.80298	1.85335	1.90521	1.95865	2.01377	2.07068	2.12949	1.66
1.68	1.61916	1.66442	1.71088	1.75860	1.80766	1.85813	1.91010	1.96364	2.01887	2.07589	2.13481	1.68
1.70	1.62346	1.66879	1.71535	1.76317	1.81233	1.86290	1.91497	1.96862	2.02395	2.08107	2.14011	1.70
1.72	1.62770	1.67315	1.71980	1.76772	1.81697	1.86765	1.91981	1.97357	2.02901	2.08624	2.14538	1.72
1.74	1.63194	1.67748	1.72423	1.77224	1.82160	1.87237	1.92464	1.97850	2.03405	2.09139	2.15064	1.74
1.76	1.63616	1.68180	1.72864	1.77675	1.82621	1.87708	1.92945	1.98341	2.03907	2.09651	2.15587	1.76
1.78	1.64037	1.68610	1.73303	1.78124	1.83080	1.88177	1.93424	1.98831	2.04406	2.10162	2.16109	1.78
1.80	1.64455	1.69038	1.73741	1.78572	1.83537	1.88644	1.93901	1.99318	2.04904	2.10670	2.16628	1.80
1.82	1.64872	1.69464	1.74177	1.79017	1.83992	1.89109	1.94376	1.99803	2.05400	2.11177	2.17145	1.82
1.84	1.65288	1.69889	1.74611	1.79460	1.84445	1.89572	1.94850	2.00287	2.05894	2.11681	2.17661	1.84
1.86	1.65701	1.70311	1.75043	1.79902	1.84897	1.90033	1.95321	2.00768	2.06386	2.12184	2.18174	1.86
1.88	1.66113	1.70733	1.75474	1.80342	1.85346	1.90493	1.95790	2.01248	2.06876	2.12684	2.18685	1.88
1.90	1.66524	1.71152	1.75902	1.80781	1.85794	1.90951	1.96258	2.01726	2.07364	2.13183	2.19195	1.90
1.92	1.66932	1.71570	1.76330	1.81217	1.86240	1.91407	1.96724	2.02202	2.07850	2.13680	2.19702	1.92
1.94	1.67339	1.71986	1.76755	1.81652	1.86685	1.91861	1.97188	2.02676	2.08335	2.14175	2.20208	1.94
1.96	1.67745	1.72401	1.77179	1.82086	1.87128	1.92313	1.97651	2.03149	2.08817	2.14668	2.20712	1.96
1.98	1.68149	1.72814	1.77601	1.82517	1.87569	1.92764	1.98111	2.03619	2.09298	2.15159	2.21214	1.98
2.00	1.68551	1.73225	1.78022	1.82947	1.88008	1.93213	1.98570	2.04088	2.09777	2.15648	2.21714	2.00
GAM	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	h

h GAM	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	h GAM
2.0	1.68551	1.73225	1.78022	1.82947	1.88008	1.93213	1.98570	2.04088	2.09777	2.15648	2.21714	2.0
2.2	1.72494	1.77257	1.82144	1.87161	1.92316	1.97616	2.03069	2.08686	2.14475	2.20448	2.26618	2.2
2.4	1.76300	1.81149	1.86124	1.91230	1.96476	2.01868	2.07415	2.13127	2.19014	2.25087	2.31358	2.4
2.6	1.79982	1.84915	1.89975	1.95169	2.00502	2.05984	2.11623	2.17429	2.23411	2.29581	2.35951	2.6
2.8	1.83551	1.88567	1.93710	1.98988	2.04408	2.09977	2.15706	2.21602	2.27677	2.33942	2.40408	2.8
3.0	1.87018	1.92113	1.97338	2.02698	2.08202	2.13857	2.19673	2.25658	2.31824	2.38181	2.44742	3.0
3.2	1.90391	1.95564	2.00868	2.06309	2.11895	2.17634	2.23534	2.29607	2.35861	2.42308	2.48962	3.2
3.4	1.93676	1.98926	2.04307	2.09827	2.15493	2.21314	2.27298	2.33455	2.39796	2.46332	2.53076	3.4
3.6	1.96881	2.02205	2.07662	2.13259	2.19004	2.24905	2.30971	2.37211	2.43637	2.50260	2.57093	3.6
3.8	2.00011	2.05408	2.10939	2.16612	2.22434	2.28414	2.34559	2.40881	2.47391	2.54099	2.61018	3.8
4.0	2.03071	2.08540	2.14144	2.19891	2.25788	2.31845	2.38069	2.44471	2.51062	2.57853	2.64858	4.0
4.2	2.06065	2.11604	2.17280	2.23100	2.29072	2.35203	2.41505	2.47985	2.54656	2.61530	2.68619	4.2
4.4	2.08996	2.14607	2.20353	2.26244	2.32288	2.38494	2.44871	2.51429	2.58179	2.65132	2.72304	4.4
4.6	2.11874	2.17550	2.23365	2.29326	2.35442	2.41721	2.48172	2.54805	2.61633	2.68666	2.75918	4.6
4.8	2.14695	2.20437	2.26320	2.32350	2.38536	2.44887	2.51411	2.58119	2.65023	2.72134	2.79465	4.8
5.0	2.17465	2.23272	2.29222	2.35320	2.41575	2.47996	2.54592	2.61374	2.68352	2.75539	2.82949	5.0
5.2	2.20186	2.26058	2.32072	2.38237	2.44560	2.51051	2.57717	2.64571	2.71623	2.78886	2.86374	5.2
5.4	2.22860	2.28795	2.34875	2.41105	2.47495	2.54054	2.60790	2.67715	2.74840	2.82177	2.89741	5.4
5.6	2.25491	2.31488	2.37631	2.43926	2.50383	2.57008	2.63814	2.70809	2.78005	2.85415	2.93053	5.6
5.8	2.28079	2.34139	2.40344	2.46703	2.53224	2.59916	2.66789	2.73853	2.81120	2.88603	2.96315	5.8
6.0	2.30628	2.36748	2.43015	2.49437	2.56022	2.62780	2.69719	2.76851	2.84188	2.91742	2.99526	6.0
6.2	2.33138	2.39318	2.45646	2.52130	2.58779	2.65600	2.72606	2.79805	2.87210	2.94834	3.02691	6.2
6.4	2.35613	2.41851	2.48239	2.54784	2.61495	2.68381	2.75451	2.82717	2.90190	2.97883	3.05810	6.4
6.6	2.38052	2.44348	2.50796	2.57401	2.64174	2.71122	2.78256	2.85587	2.93127	3.00889	3.08886	6.6
6.8	2.40457	2.46812	2.53317	2.59982	2.66816	2.73826	2.81023	2.88419	2.96025	3.03854	3.11921	6.8
7.0	2.42831	2.49242	2.55805	2.62529	2.69422	2.76494	2.83754	2.91214	2.98885	3.06781	3.14916	7.0
7.2	2.45173	2.51640	2.58261	2.65043	2.71996	2.79128	2.86449	2.93972	3.01708	3.09670	3.17872	7.2
7.4	2.47486	2.54009	2.60686	2.67525	2.74536	2.81728	2.89111	2.96696	3.04495	3.12522	3.20792	7.4
7.6	2.49770	2.56348	2.63080	2.69977	2.77046	2.84297	2.91740	2.99386	3.07249	3.15340	3.23676	7.6
7.8	2.52027	2.58658	2.65446	2.72399	2.79525	2.86834	2.94337	3.02045	3.09969	3.18125	3.26525	7.8
8.0	2.54257	2.60942	2.67784	2.74792	2.81975	2.89342	2.96904	3.04672	3.12658	3.20877	3.29342	8.0
8.2	2.56462	2.63199	2.70095	2.77158	2.84397	2.91822	2.99442	3.07269	3.15316	3.23597	3.32126	8.2
8.4	2.58641	2.65431	2.72381	2.79498	2.86792	2.94273	3.01951	3.09838	3.17945	3.26288	3.34880	8.4
8.6	2.60797	2.67638	2.74641	2.81812	2.89161	2.96698	3.04433	3.12378	3.20545	3.28949	3.37603	8.6
8.8	2.62929	2.69822	2.76877	2.84101	2.91504	2.99097	3.06888	3.14891	3.23117	3.31581	3.40298	8.8
9.0	2.65039	2.71983	2.79089	2.86366	2.93823	3.01470	3.09318	3.17378	3.25663	3.34187	3.42965	9.0
9.2	2.67127	2.74121	2.81278	2.88608	2.96118	3.03820	3.11723	3.19839	3.28182	3.36765	3.45604	9.2
9.4	2.69194	2.76238	2.83446	2.90827	2.98390	3.06145	3.14103	3.22276	3.30676	3.39319	3.48217	9.4
9.6	2.71240	2.78333	2.85592	2.93024	3.00639	3.08448	3.16461	3.24689	3.33146	3.41846	3.50805	9.6
9.8	2.73267	2.80409	2.87717	2.95200	3.02867	3.10728	3.18795	3.27078	3.35592	3.44350	3.53368	9.8
10.0	2.75274	2.82464	2.89822	2.97355	3.05073	3.12987	3.21107	3.29445	3.38015	3.46830	3.55906	10.0

GAM	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	GAM
0.	1.56148	1.61170	1.66392	1.71829	1.77497	1.83416	1.89605	1.96089	2.02893	2.10049	2.17591	0.
0.02	1.57008	1.62133	1.67369	1.72820	1.78502	1.84435	1.90638	1.97137	2.03956	2.11127	2.18685	0.02
0.04	1.58035	1.63084	1.68333	1.73798	1.79495	1.85442	1.91660	1.98173	2.05007	2.12194	2.19767	0.04
0.06	1.58960	1.64023	1.69286	1.74765	1.80476	1.86437	1.92670	1.99198	2.06047	2.13249	2.20838	0.06
0.08	1.59874	1.64951	1.70228	1.75721	1.81446	1.87422	1.93669	2.00212	2.07077	2.14293	2.21898	0.08
0.10	1.60777	1.65867	1.71159	1.76666	1.82405	1.88396	1.94658	2.01215	2.08095	2.15327	2.22947	0.10
0.12	1.61669	1.66774	1.72079	1.77600	1.83354	1.89359	1.95636	2.02208	2.09103	2.16351	2.23987	0.12
0.14	1.62552	1.67670	1.72989	1.78524	1.84293	1.90312	1.96604	2.03191	2.10102	2.17365	2.25017	0.14
0.16	1.63424	1.68556	1.73889	1.79439	1.85221	1.91255	1.97562	2.04165	2.11090	2.18369	2.26037	0.16
0.18	1.64287	1.69432	1.74780	1.80344	1.86141	1.92189	1.98511	2.05129	2.12070	2.19364	2.27048	0.18
0.20	1.65140	1.70300	1.75661	1.81239	1.87051	1.93114	1.99451	2.06083	2.13040	2.20350	2.28049	0.20
0.22	1.65985	1.71158	1.76534	1.82126	1.87952	1.94030	2.00381	2.07029	2.14001	2.21327	2.29042	0.22
0.24	1.66821	1.72008	1.77399	1.83004	1.88844	1.94937	2.01303	2.07966	2.14953	2.22295	2.30027	0.24
0.26	1.67648	1.72849	1.78253	1.83874	1.89729	1.95836	2.02217	2.08895	2.15898	2.23255	2.31003	0.26
0.28	1.68467	1.73683	1.79100	1.84735	1.90604	1.96726	2.03122	2.09816	2.16834	2.24207	2.31970	0.28
0.30	1.69279	1.74508	1.79939	1.85589	1.91472	1.97609	2.04020	2.10728	2.17762	2.25151	2.32930	0.30
0.32	1.70082	1.75325	1.80771	1.86434	1.92332	1.98484	2.04909	2.11633	2.18682	2.26087	2.33882	0.32
0.34	1.70879	1.76135	1.81595	1.87273	1.93185	1.99351	2.05791	2.12530	2.19595	2.27015	2.34827	0.34
0.36	1.71668	1.76938	1.82412	1.88103	1.94030	2.00211	2.06666	2.13420	2.20500	2.27936	2.35764	0.36
0.38	1.72449	1.77734	1.83221	1.88927	1.94868	2.01063	2.07534	2.14303	2.21398	2.28850	2.36694	0.38
0.40	1.73224	1.78522	1.84024	1.89744	1.95699	2.01909	2.08394	2.15178	2.22289	2.29756	2.37616	0.40
0.42	1.73993	1.79304	1.84820	1.90554	1.96524	2.02748	2.09248	2.16047	2.23173	2.30656	2.38532	0.42
0.44	1.74754	1.80080	1.85609	1.91357	1.97341	2.03580	2.10095	2.16909	2.24050	2.31549	2.39441	0.44
0.46	1.75510	1.80849	1.86392	1.92154	1.98152	2.04406	2.10935	2.17764	2.24921	2.32436	2.40344	0.46
0.48	1.76259	1.81611	1.87168	1.92944	1.98957	2.05225	2.11769	2.18613	2.25785	2.33316	2.41240	0.48
0.50	1.77002	1.82368	1.87938	1.93729	1.99756	2.06038	2.12597	2.19456	2.26643	2.34189	2.42129	0.50
0.52	1.77739	1.83119	1.88703	1.94507	2.00548	2.06845	2.13418	2.20293	2.27495	2.35057	2.43013	0.52
0.54	1.78470	1.83863	1.89461	1.95279	2.01335	2.07646	2.14234	2.21123	2.28341	2.35918	2.43890	0.54
0.56	1.79196	1.84603	1.90214	1.96046	2.02115	2.08441	2.15044	2.21948	2.29181	2.36774	2.44762	0.56
0.58	1.79916	1.85336	1.90961	1.96807	2.02891	2.09230	2.15848	2.22767	2.30015	2.37623	2.45627	0.58
0.60	1.80631	1.86064	1.91703	1.97563	2.03660	2.10014	2.16646	2.23580	2.30844	2.38468	2.46487	0.60
0.62	1.81341	1.86787	1.92440	1.98313	2.04424	2.10793	2.17439	2.24388	2.31667	2.39306	2.47342	0.62
0.64	1.82045	1.87505	1.93171	1.99058	2.05183	2.11566	2.18227	2.25191	2.32484	2.40139	2.48191	0.64
0.66	1.82744	1.88217	1.93897	1.99797	2.05937	2.12334	2.19009	2.25988	2.33296	2.40967	2.49034	0.66
0.68	1.83439	1.88925	1.94618	2.00532	2.06685	2.13096	2.19786	2.26780	2.34103	2.41789	2.49872	0.68
0.70	1.84128	1.89628	1.95334	2.01262	2.07429	2.13854	2.20558	2.27566	2.34905	2.42606	2.50705	0.70
0.72	1.84813	1.90326	1.96045	2.01987	2.08168	2.14607	2.21326	2.28348	2.35702	2.43418	2.51533	0.72
0.74	1.85493	1.91010	1.96752	2.02707	2.08901	2.15355	2.22088	2.29125	2.36494	2.44226	2.52356	0.74
0.76	1.86169	1.91708	1.97454	2.03422	2.09631	2.16098	2.22845	2.29897	2.37281	2.45028	2.53174	0.76
0.78	1.86840	1.92392	1.98151	2.04133	2.10355	2.16836	2.23598	2.30665	2.38063	2.45825	2.53987	0.78
0.80	1.87507	1.93072	1.98844	2.04839	2.11075	2.17570	2.24346	2.31427	2.38841	2.46618	2.54796	0.80
0.82	1.88170	1.93747	1.99532	2.05541	2.11791	2.18300	2.25090	2.32185	2.39614	2.47406	2.55599	0.82
0.84	1.88828	1.94418	2.00217	2.06239	2.12502	2.19025	2.25829	2.32939	2.40382	2.48190	2.56399	0.84
0.86	1.89482	1.95085	2.00897	2.06932	2.13209	2.19746	2.26564	2.33688	2.41146	2.48969	2.57193	0.86
0.88	1.90132	1.95748	2.01573	2.07622	2.13912	2.20462	2.27295	2.34433	2.41906	2.49744	2.57984	0.88
0.90	1.90778	1.96407	2.02245	2.08307	2.14610	2.21174	2.28021	2.35174	2.42662	2.50515	2.58769	0.90
0.92	1.91421	1.97062	2.02913	2.08988	2.15305	2.21883	2.28743	2.35911	2.43413	2.51281	2.59551	0.92
0.94	1.92059	1.97713	2.03577	2.09665	2.15995	2.22587	2.29461	2.36643	2.44160	2.52043	2.60329	0.94
0.96	1.92694	1.98360	2.04237	2.10338	2.16682	2.23287	2.30176	2.37372	2.44903	2.52801	2.61102	0.96
0.98	1.93325	1.99004	2.04893	2.11008	2.17365	2.23984	2.30886	2.38096	2.45642	2.53555	2.61871	0.98
1.00	1.93952	1.99644	2.05546	2.11673	2.18044	2.24676	2.31592	2.38817	2.46377	2.54305	2.62636	1.00
GAM	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	GAM

h GAM	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	h GAM
1.00	1.93952	1.99644	2.05546	2.11673	2.18044	2.24676	2.31592	2.38817	2.46377	2.54305	2.62636	1.00
1.02	1.94576	2.00280	2.06195	2.12335	2.18719	2.25365	2.32295	2.39533	2.47108	2.55051	2.63397	1.02
1.04	1.95196	2.00913	2.06840	2.12994	2.19390	2.26050	2.32994	2.40246	2.47835	2.55793	2.64155	1.04
1.06	1.95813	2.01542	2.07482	2.13649	2.20058	2.26731	2.33689	2.40955	2.48559	2.56531	2.64908	1.06
1.08	1.96426	2.02168	2.08121	2.14300	2.20723	2.27409	2.34380	2.41661	2.49279	2.57266	2.65658	1.08
1.10	1.97036	2.02790	2.08756	2.14948	2.21384	2.28083	2.35068	2.42363	2.49995	2.57997	2.66404	1.10
1.12	1.97643	2.03409	2.09387	2.15592	2.22041	2.28754	2.35753	2.43061	2.50708	2.58724	2.67147	1.12
1.14	1.98247	2.04025	2.10016	2.16233	2.22695	2.29421	2.36434	2.43756	2.51417	2.59448	2.67885	1.14
1.16	1.98847	2.04638	2.10641	2.16871	2.23346	2.30086	2.37111	2.44447	2.52122	2.60168	2.68620	1.16
1.18	1.99444	2.05247	2.11262	2.17505	2.23993	2.30746	2.37785	2.45135	2.52825	2.60885	2.69352	1.18
1.20	2.00038	2.05854	2.11881	2.18137	2.24638	2.31404	2.38456	2.45820	2.53523	2.61598	2.70080	1.20
1.22	2.00630	2.06457	2.12497	2.18765	2.25279	2.32058	2.39124	2.46501	2.54219	2.62308	2.70805	1.22
1.24	2.01218	2.07057	2.13109	2.19390	2.25917	2.32709	2.39788	2.47180	2.54911	2.63015	2.71527	1.24
1.26	2.01803	2.07654	2.13719	2.20012	2.26551	2.33357	2.40449	2.47854	2.55600	2.63718	2.72245	1.26
1.28	2.02385	2.08248	2.14325	2.20631	2.27183	2.34001	2.41107	2.48526	2.56286	2.64418	2.72960	1.28
1.30	2.02965	2.08840	2.14929	2.21247	2.27812	2.34643	2.41763	2.49195	2.56968	2.65115	2.73671	1.30
1.32	2.03541	2.09428	2.15530	2.21860	2.28438	2.35282	2.42414	2.49860	2.57648	2.65809	2.74380	1.32
1.34	2.04115	2.10014	2.16127	2.22470	2.29061	2.35918	2.43063	2.50523	2.58324	2.66499	2.75085	1.34
1.36	2.04686	2.10597	2.16722	2.23078	2.29680	2.36550	2.43709	2.51182	2.58998	2.67187	2.75788	1.36
1.38	2.05255	2.11177	2.17315	2.23682	2.30298	2.37180	2.44353	2.51839	2.59668	2.67872	2.76487	1.38
1.40	2.05820	2.11755	2.17904	2.24284	2.30912	2.37807	2.44993	2.52493	2.60335	2.68553	2.77183	1.40
1.42	2.06383	2.12330	2.18491	2.24883	2.31523	2.38432	2.45630	2.53144	2.61000	2.69232	2.77876	1.42
1.44	2.06944	2.12902	2.19075	2.25479	2.32132	2.39053	2.46265	2.53791	2.61662	2.69908	2.78566	1.44
1.46	2.07502	2.13472	2.19657	2.26073	2.32738	2.39672	2.46897	2.54437	2.62321	2.70581	2.79254	1.46
1.48	2.08057	2.14039	2.20236	2.26664	2.33342	2.40288	2.47526	2.55079	2.62977	2.71251	2.79938	1.48
1.50	2.08610	2.14603	2.20812	2.27253	2.33943	2.40902	2.48152	2.55719	2.63630	2.71918	2.80620	1.50
1.52	2.09161	2.15165	2.21386	2.27839	2.34541	2.41513	2.48776	2.56356	2.64280	2.72582	2.81299	1.52
1.54	2.09709	2.15725	2.21957	2.28422	2.35137	2.42121	2.49397	2.56990	2.64928	2.73244	2.81975	1.54
1.56	2.10255	2.16282	2.22526	2.29003	2.35730	2.42727	2.50016	2.57622	2.65574	2.73903	2.82648	1.56
1.58	2.10798	2.16837	2.23093	2.29582	2.36321	2.43330	2.50632	2.58251	2.66216	2.74560	2.83319	1.58
1.60	2.11339	2.17390	2.23657	2.30158	2.36909	2.43931	2.51245	2.58877	2.66856	2.75213	2.83987	1.60
1.62	2.11878	2.17940	2.24219	2.30731	2.37495	2.44529	2.51856	2.59501	2.67493	2.75865	2.84652	1.62
1.64	2.12414	2.18488	2.24778	2.31303	2.38078	2.45125	2.52465	2.60123	2.68128	2.76513	2.85315	1.64
1.66	2.12949	2.19033	2.25335	2.31872	2.38659	2.45718	2.53071	2.60742	2.68761	2.77159	2.85975	1.66
1.68	2.13481	2.19577	2.25890	2.32438	2.39238	2.46309	2.53674	2.61359	2.69391	2.77803	2.86633	1.68
1.70	2.14011	2.20118	2.26443	2.33003	2.39814	2.46898	2.54275	2.61973	2.70018	2.78444	2.87288	1.70
1.72	2.14538	2.20657	2.26993	2.33565	2.40388	2.47484	2.54874	2.62584	2.70643	2.79083	2.87940	1.72
1.74	2.15064	2.21193	2.27542	2.34125	2.40960	2.48068	2.55471	2.63194	2.71266	2.79719	2.88591	1.74
1.76	2.15587	2.21728	2.28088	2.34682	2.41530	2.48650	2.56065	2.63801	2.71886	2.80353	2.89238	1.76
1.78	2.16109	2.22261	2.28632	2.35238	2.42097	2.49229	2.56657	2.64406	2.72504	2.80984	2.89884	1.78
1.80	2.16628	2.22791	2.29173	2.35791	2.42662	2.49807	2.57247	2.65008	2.73120	2.81613	2.90527	1.80
1.82	2.17145	2.23319	2.29713	2.36342	2.43225	2.50382	2.57835	2.65609	2.73733	2.82240	2.91167	1.82
1.84	2.17661	2.23846	2.30251	2.36892	2.43786	2.50955	2.58420	2.66207	2.74344	2.82864	2.91806	1.84
1.86	2.18174	2.24370	2.30786	2.37439	2.44345	2.51526	2.59003	2.66803	2.74953	2.83487	2.92442	1.86
1.88	2.18685	2.24892	2.31320	2.37984	2.44902	2.52095	2.59584	2.67396	2.75560	2.84107	2.93076	1.88
1.90	2.19195	2.25413	2.31851	2.38527	2.45457	2.52661	2.60163	2.67988	2.76164	2.84725	2.93707	1.90
1.92	2.19702	2.25931	2.32381	2.39068	2.46009	2.53226	2.60740	2.68577	2.76766	2.85340	2.94336	1.92
1.94	2.20208	2.26448	2.32908	2.39607	2.46560	2.53788	2.61315	2.69164	2.77366	2.85953	2.94963	1.94
1.96	2.20712	2.26962	2.33434	2.40144	2.47108	2.54349	2.61887	2.69750	2.77964	2.86565	2.95588	1.96
1.98	2.21214	2.27475	2.33958	2.40679	2.47655	2.54907	2.62458	2.70333	2.78560	2.87174	2.96211	1.98
2.00	2.21714	2.27986	2.34480	2.41212	2.48200	2.55464	2.63027	2.70914	2.79154	2.87781	2.96832	2.00
h GAM	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	h GAM

h / GAM	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
2.0	2.21714	2.27986	2.34480	2.41212	2.48200	2.55464	2.63027	2.70914	2.79154	2.87781	2.96832
2.2	2.26618	2.32996	2.39599	2.46442	2.53544	2.60925	2.68607	2.76617	2.84984	2.93740	3.02925
2.4	2.31358	2.37840	2.44549	2.51501	2.58714	2.66208	2.74007	2.82137	2.90627	2.99511	3.08827
2.6	2.35951	2.42534	2.49346	2.56404	2.63725	2.71331	2.79244	2.87491	2.96102	3.05110	3.14554
2.8	2.40408	2.47091	2.54004	2.61165	2.68592	2.76306	2.84331	2.92693	3.01422	3.10551	3.20121
3.0	2.44742	2.51521	2.58533	2.65795	2.73326	2.81147	2.89281	2.97755	3.06599	3.15848	3.25541
3.2	2.48962	2.55835	2.62944	2.70305	2.77938	2.85863	2.94104	3.02688	3.11646	3.21011	3.30825
3.4	2.53076	2.60042	2.67246	2.74704	2.82436	2.90463	2.98809	3.07501	3.16570	3.26050	3.35982
3.6	2.57093	2.64150	2.71446	2.78999	2.86829	2.94956	3.03405	3.12203	3.21381	3.30974	3.41022
3.8	2.61018	2.68164	2.75551	2.83198	2.91123	2.99348	3.07899	3.16801	3.26086	3.35789	3.45952
4.0	2.64858	2.72091	2.79568	2.87306	2.95325	3.03647	3.12297	3.21301	3.30691	3.40504	3.50779
4.2	2.68619	2.75937	2.83502	2.91330	2.99442	3.07858	3.16605	3.25710	3.35204	3.45123	3.55509
4.4	2.72304	2.79707	2.87358	2.95274	3.03476	3.11986	3.20829	3.30033	3.39628	3.49653	3.60147
4.6	2.75918	2.83404	2.91139	2.99143	3.07435	3.16037	3.24974	3.34274	3.43970	3.54098	3.64700
4.8	2.79465	2.87033	2.94852	3.02941	3.11321	3.20013	3.29043	3.38439	3.48234	3.58464	3.69171
5.0	2.82949	2.90597	2.98498	3.06672	3.15138	3.23919	3.33040	3.42531	3.52423	3.62753	3.73564
5.2	2.86373	2.94100	3.02082	3.10339	3.18890	3.27759	3.36971	3.46554	3.56542	3.66971	3.77885
5.4	2.89741	2.97545	3.05607	3.13945	3.22581	3.31536	3.40836	3.50511	3.60593	3.71120	3.82135
5.6	2.93053	3.00934	3.09075	3.17494	3.26212	3.35252	3.44640	3.54406	3.64581	3.75205	3.86319
5.8	2.96315	3.04271	3.12490	3.20988	3.29788	3.38912	3.48386	3.58241	3.68508	3.79226	3.90439
6.0	2.99526	3.07558	3.15852	3.24429	3.33310	3.42516	3.52076	3.62019	3.72377	3.83189	3.94498
6.2	3.02691	3.10796	3.19166	3.27820	3.36780	3.46069	3.55713	3.65742	3.76190	3.87094	3.98500
6.4	3.05810	3.13988	3.22433	3.31163	3.40202	3.49571	3.59298	3.69413	3.79949	3.90945	4.02446
6.6	3.08887	3.17136	3.25654	3.34460	3.43576	3.53025	3.62834	3.73034	3.83657	3.94744	4.06338
6.8	3.11921	3.20241	3.28832	3.37713	3.46905	3.56433	3.66324	3.76607	3.87316	3.98492	4.10179
7.0	3.14916	3.23306	3.31968	3.40923	3.50191	3.59797	3.69768	3.80133	3.90928	4.02193	4.13970
7.2	3.17872	3.26331	3.35065	3.44092	3.53435	3.63118	3.73168	3.83615	3.94495	4.05846	4.17714
7.4	3.20792	3.29319	3.38123	3.47222	3.56639	3.66398	3.76526	3.87054	3.98017	4.09455	4.21413
7.6	3.23676	3.32271	3.41144	3.50314	3.59804	3.69638	3.79844	3.90452	4.01498	4.13021	4.25067
7.8	3.26525	3.35187	3.44129	3.53370	3.62932	3.72841	3.83123	3.93810	4.04937	4.16545	4.28679
8.0	3.29342	3.38070	3.47079	3.56390	3.66024	3.76006	3.86364	3.97130	4.08338	4.20029	4.32249
8.2	3.32126	3.40920	3.49996	3.59376	3.69081	3.79136	3.89569	4.00412	4.11700	4.23474	4.35780
8.4	3.34880	3.43738	3.52881	3.62329	3.72104	3.82231	3.92739	4.03658	4.15026	4.26881	4.39272
8.6	3.37603	3.46526	3.55735	3.65250	3.75094	3.85293	3.95874	4.06870	4.18315	4.30252	4.42728
8.8	3.40298	3.49284	3.58558	3.68140	3.78053	3.88323	3.98977	4.10047	4.21571	4.33588	4.46147
9.0	3.42965	3.52014	3.61352	3.71001	3.80982	3.91321	4.02047	4.13193	4.24793	4.36890	4.49531
9.2	3.45604	3.54715	3.64118	3.73832	3.83881	3.94289	4.05087	4.16306	4.27983	4.40158	4.52881
9.4	3.48217	3.57390	3.66856	3.76635	3.86750	3.97228	4.08097	4.19389	4.31141	4.43395	4.56199
9.6	3.50805	3.60039	3.69567	3.79411	3.89592	4.00138	4.11077	4.22441	4.34268	4.46600	4.59484
9.8	3.53368	3.62662	3.72253	3.82160	3.92407	4.03021	4.14029	4.25465	4.37366	4.49775	4.62739
10.0	3.55906	3.65261	3.74913	3.84883	3.95196	4.05876	4.16953	4.28461	4.40436	4.52920	4.65963

GAM	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.	2.17591	2.25560	2.34063	2.42974	2.52539	2.62777	2.73781	2.85667	2.98579	3.12699	3.28261
0.02	2.18685	2.26669	2.35128	2.44115	2.53647	2.63952	2.74974	2.86878	2.99810	3.13949	3.29532
0.04	2.19767	2.27767	2.36242	2.45246	2.54845	2.65117	2.76156	2.88079	3.01030	3.15189	3.30792
0.06	2.20838	2.28854	2.37345	2.46365	2.55981	2.66271	2.77328	2.89270	3.02239	3.16419	3.32043
0.08	2.21898	2.29930	2.38437	2.47475	2.57108	2.67415	2.78490	2.90451	3.03439	3.17639	3.33284
0.10	2.22947	2.30996	2.39519	2.48573	2.58224	2.68548	2.79642	2.91621	3.04630	3.18850	3.34516
0.12	2.23987	2.32051	2.40591	2.49662	2.59330	2.69672	2.80785	2.92783	3.05811	3.20051	3.35739
0.14	2.25017	2.33097	2.41654	2.50742	2.60427	2.70787	2.81918	2.93935	3.06982	3.21243	3.36952
0.16	2.26037	2.34134	2.42707	2.51812	2.61514	2.71892	2.83041	2.95077	3.08145	3.22426	3.38157
0.18	2.27048	2.35161	2.43750	2.52872	2.62592	2.72989	2.84156	2.96211	3.09299	3.23601	3.39353
0.20	2.28049	2.36179	2.44785	2.53924	2.63662	2.74076	2.85262	2.97337	3.10444	3.24767	3.40541
0.22	2.29042	2.37188	2.45811	2.54967	2.64722	2.75155	2.86360	2.98453	3.11581	3.25925	3.41721
0.24	2.30027	2.38189	2.46829	2.56002	2.65775	2.76225	2.87449	2.99562	3.12709	3.27074	3.42892
0.26	2.31003	2.39181	2.47838	2.57028	2.66819	2.77287	2.88530	3.00662	3.13830	3.28216	3.44056
0.28	2.31970	2.40165	2.48839	2.58046	2.67854	2.78342	2.89603	3.01755	3.14943	3.29349	3.45212
0.30	2.32930	2.41141	2.49832	2.59057	2.68883	2.79388	2.90668	3.02839	3.16048	3.30476	3.46360
0.32	2.33882	2.42110	2.50817	2.60059	2.69903	2.80426	2.91725	3.03916	3.17145	3.31594	3.47501
0.34	2.34827	2.43071	2.51795	2.61054	2.70916	2.81458	2.92775	3.04986	3.18235	3.32706	3.48634
0.36	2.35764	2.44024	2.52765	2.62042	2.71921	2.82481	2.93818	3.06048	3.19318	3.33810	3.49761
0.38	2.36694	2.44971	2.53728	2.63023	2.72919	2.83498	2.94854	3.07104	3.20393	3.34907	3.50880
0.40	2.37616	2.45910	2.54684	2.63996	2.73911	2.84507	2.95882	3.08152	3.21462	3.35997	3.51993
0.42	2.38532	2.46842	2.55633	2.64962	2.74895	2.85510	2.96904	3.09193	3.22524	3.37080	3.53098
0.44	2.39441	2.47768	2.56576	2.65922	2.75872	2.86506	2.97919	3.10228	3.23579	3.38156	3.54197
0.46	2.40344	2.48687	2.57512	2.66875	2.76843	2.87495	2.98927	3.11256	3.24627	3.39226	3.55290
0.48	2.41240	2.49599	2.58441	2.67822	2.77808	2.88478	2.99929	3.12277	3.25670	3.40290	3.56376
0.50	2.42129	2.50505	2.59364	2.68762	2.78766	2.89454	3.00924	3.13292	3.26705	3.41347	3.57456
0.52	2.43013	2.51405	2.60280	2.69696	2.79717	2.90424	3.01913	3.14301	3.27735	3.42398	3.58529
0.54	2.43890	2.52299	2.61191	2.70624	2.80663	2.91388	3.02896	3.15304	3.28758	3.43443	3.59597
0.56	2.44762	2.53186	2.62096	2.71545	2.81603	2.92346	3.03873	3.16301	3.29775	3.44482	3.60658
0.58	2.45628	2.54068	2.62994	2.72461	2.82536	2.93299	3.04844	3.17292	3.30787	3.45515	3.61714
0.60	2.46487	2.54945	2.63887	2.73372	2.83464	2.94245	3.05810	3.18277	3.31793	3.46542	3.62764
0.62	2.47342	2.55815	2.64775	2.74276	2.84387	2.95185	3.06770	3.19256	3.32793	3.47564	3.63808
0.64	2.48191	2.56680	2.65656	2.75175	2.85303	2.96120	3.07723	3.20230	3.33787	3.48579	3.64847
0.66	2.49034	2.57540	2.66533	2.76069	2.86214	2.97050	3.08672	3.21198	3.34776	3.49590	3.65880
0.68	2.49872	2.58395	2.67404	2.76957	2.87120	2.97974	3.09615	3.22161	3.35759	3.50595	3.66907
0.70	2.50705	2.59244	2.68270	2.77840	2.88021	2.98893	3.10553	3.23118	3.36737	3.51594	3.67930
0.72	2.51533	2.60088	2.69130	2.78718	2.88916	2.99807	3.11485	3.24071	3.37710	3.52589	3.68947
0.74	2.52356	2.60927	2.69986	2.79590	2.89807	3.00715	3.12413	3.25018	3.38678	3.53578	3.69958
0.76	2.53174	2.61761	2.70837	2.80458	2.90692	3.01619	3.13335	3.25960	3.39640	3.54562	3.70965
0.78	2.53987	2.62590	2.71682	2.81321	2.91572	3.02517	3.14253	3.26897	3.40598	3.55541	3.71967
0.80	2.54796	2.63415	2.72523	2.82179	2.92448	3.03411	3.15165	3.27829	3.41550	3.56515	3.72964
0.82	2.55599	2.64234	2.73360	2.83032	2.93318	3.04300	3.16073	3.28756	3.42498	3.57484	3.73956
0.84	2.56399	2.65049	2.74191	2.83880	2.94184	3.05184	3.16976	3.29679	3.43441	3.58449	3.74943
0.86	2.57193	2.65860	2.75018	2.84724	2.95046	3.06063	3.17874	3.30597	3.44379	3.59408	3.75925
0.88	2.57984	2.66666	2.75841	2.85564	2.95903	3.06938	3.18768	3.31510	3.45313	3.60363	3.76903
0.90	2.58769	2.67468	2.76659	2.86399	2.96755	3.07809	3.19657	3.32418	3.46242	3.61314	3.77876
0.92	2.59551	2.68266	2.77473	2.87229	2.97603	3.08675	3.20541	3.33323	3.47166	3.62260	3.78844
0.94	2.60329	2.69059	2.78282	2.88056	2.98447	3.09536	3.21422	3.34222	3.48087	3.63201	3.79808
0.96	2.61102	2.69848	2.79087	2.88878	2.99286	3.10394	3.22298	3.35118	3.49002	3.64138	3.80768
0.98	2.61871	2.70633	2.79889	2.89696	3.00121	3.11247	3.23169	3.36009	3.49914	3.65071	3.81723
1.00	2.62636	2.71414	2.80686	2.90509	3.00952	3.12096	3.24037	3.36896	3.50821	3.66000	3.82674

h / GAM	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	GAM / h
1.00	2.62636	2.71414	2.80686	2.90509	3.00952	3.12096	3.24037	3.36896	3.50821	3.66000	3.82674	1.00
1.02	2.63398	2.72191	2.81479	2.91319	3.01779	3.12940	3.24900	3.37779	3.51724	3.66924	3.83621	1.02
1.04	2.64155	2.72964	2.82268	2.92125	3.02602	3.13781	3.25760	3.38657	3.52623	3.67844	3.84564	1.04
1.06	2.64908	2.73733	2.83053	2.92927	3.03421	3.14618	3.26615	3.39532	3.53517	3.68760	3.85502	1.06
1.08	2.65658	2.74498	2.83834	2.93724	3.04236	3.15451	3.27466	3.40402	3.54408	3.69672	3.86436	1.08
1.10	2.66404	2.75260	2.84612	2.94519	3.05047	3.16280	3.28314	3.41269	3.55295	3.70580	3.87367	1.10
1.12	2.67147	2.76017	2.85386	2.95309	3.05855	3.17105	3.29157	3.42132	3.56178	3.71484	3.88293	1.12
1.14	2.67885	2.76772	2.86156	2.96096	3.06658	3.17926	3.29997	3.42990	3.57057	3.72384	3.89215	1.14
1.16	2.68620	2.77522	2.86922	2.96878	3.07458	3.18744	3.30833	3.43846	3.57932	3.73280	3.90134	1.16
1.18	2.69352	2.78269	2.87685	2.97658	3.08255	3.19558	3.31665	3.44697	3.58803	3.74173	3.91049	1.18
1.20	2.70080	2.79013	2.88445	2.98434	3.09047	3.20368	3.32493	3.45545	3.59671	3.75062	3.91960	1.20
1.22	2.70805	2.79753	2.89201	2.99206	3.09837	3.21175	3.33318	3.46389	3.60535	3.75947	3.92867	1.22
1.24	2.71527	2.80490	2.89953	2.99975	3.10622	3.21978	3.34140	3.47229	3.61395	3.76828	3.93771	1.24
1.26	2.72245	2.81223	2.90702	3.00740	3.11404	3.22777	3.34958	3.48066	3.62252	3.77706	3.94671	1.26
1.28	2.72960	2.81953	2.91448	3.01502	3.12183	3.23574	3.35772	3.48899	3.63105	3.78580	3.95567	1.28
1.30	2.73671	2.82680	2.92191	3.02261	3.12959	3.24367	3.36583	3.49729	3.63955	3.79451	3.96460	1.30
1.32	2.74380	2.83404	2.92930	3.03016	3.13731	3.25156	3.37391	3.50556	3.64802	3.80318	3.97349	1.32
1.34	2.75085	2.84124	2.93666	3.03768	3.14500	3.25942	3.38195	3.51379	3.65644	3.81182	3.98235	1.34
1.36	2.75788	2.84842	2.94399	3.04517	3.15265	3.26725	3.38995	3.52199	3.66484	3.82042	3.99117	1.36
1.38	2.76487	2.85556	2.95129	3.05263	3.16028	3.27505	3.39794	3.53015	3.67320	3.82899	3.99996	1.38
1.40	2.77183	2.86267	2.95855	3.06006	3.16787	3.28281	3.40588	3.53828	3.68153	3.83753	4.00872	1.40
1.42	2.77876	2.86975	2.96579	3.06745	3.17543	3.29055	3.41379	3.54638	3.68983	3.84603	4.01744	1.42
1.44	2.78566	2.87680	2.97299	3.07482	3.18296	3.29825	3.42168	3.55445	3.69809	3.85450	4.02613	1.44
1.46	2.79254	2.88383	2.98017	3.08215	3.19046	3.30592	3.42952	3.56249	3.70633	3.86294	4.03479	1.46
1.48	2.79938	2.89082	2.98732	3.08946	3.19793	3.31356	3.43734	3.57050	3.71453	3.87135	4.04342	1.48
1.50	2.80620	2.89778	2.99444	3.09674	3.20537	3.32117	3.44513	3.57847	3.72270	3.87973	4.05201	1.50
1.52	2.81299	2.90472	3.00153	3.10398	3.21278	3.32876	3.45289	3.58642	3.73084	3.88807	4.06057	1.52
1.54	2.81975	2.91163	3.00859	3.11120	3.22017	3.33631	3.46062	3.59433	3.73895	3.89639	4.06911	1.54
1.56	2.82648	2.91851	3.01562	3.11839	3.22752	3.34383	3.46832	3.60222	3.74703	3.90467	4.07761	1.56
1.58	2.83319	2.92536	3.02262	3.12555	3.23485	3.35133	3.47599	3.61007	3.75508	3.91292	4.08608	1.58
1.60	2.83987	2.93219	3.02960	3.13269	3.24214	3.35879	3.48364	3.61790	3.76310	3.92115	4.09452	1.60
1.62	2.84652	2.93899	3.03655	3.13980	3.24941	3.36623	3.49125	3.62570	3.77109	3.92934	4.10293	1.62
1.64	2.85315	2.94576	3.04348	3.14688	3.25665	3.37364	3.49884	3.63347	3.77905	3.93751	4.11132	1.64
1.66	2.85975	2.95251	3.05037	3.15393	3.26387	3.38102	3.50639	3.64121	3.78698	3.94565	4.11967	1.66
1.68	2.86633	2.95923	3.05725	3.16096	3.27106	3.38838	3.51392	3.64892	3.79489	3.95376	4.12799	1.68
1.70	2.87288	2.96593	3.06409	3.16796	3.27822	3.39571	3.52143	3.65661	3.80277	3.96184	4.13629	1.70
1.72	2.87941	2.97260	3.07091	3.17493	3.28536	3.40301	3.52891	3.66427	3.81062	3.96989	4.14456	1.72
1.74	2.88591	2.97925	3.07771	3.18188	3.29246	3.41028	3.53636	3.67190	3.81844	3.97792	4.15280	1.74
1.76	2.89239	2.98587	3.08448	3.18881	3.29955	3.41754	3.54378	3.67951	3.82624	3.98591	4.16101	1.76
1.78	2.89884	2.99247	3.09122	3.19571	3.30661	3.42476	3.55118	3.68709	3.83401	3.99389	4.16919	1.78
1.80	2.90527	2.99904	3.09795	3.20258	3.31364	3.43196	3.55855	3.69464	3.84175	4.00183	4.17735	1.80
1.82	2.91168	3.00559	3.10464	3.20943	3.32065	3.43914	3.56590	3.70217	3.84947	4.00975	4.18548	1.82
1.84	2.91806	3.01212	3.11132	3.21626	3.32763	3.44629	3.57322	3.70967	3.85716	4.01764	4.19359	1.84
1.86	2.92442	3.01862	3.11797	3.22306	3.33460	3.45341	3.58051	3.71714	3.86483	4.02551	4.20167	1.86
1.88	2.93076	3.02510	3.12459	3.22984	3.34153	3.46051	3.58779	3.72460	3.87247	4.03335	4.20972	1.88
1.90	2.93707	3.03155	3.13120	3.23659	3.34844	3.46759	3.59503	3.73202	3.88009	4.04116	4.21774	1.90
1.92	2.94336	3.03799	3.13777	3.24332	3.35533	3.47464	3.60226	3.73943	3.88768	4.04895	4.22575	1.92
1.94	2.94963	3.04440	3.14433	3.25003	3.36220	3.48167	3.60946	3.74680	3.89524	4.05672	4.23372	1.94
1.96	2.95588	3.05079	3.15087	3.25672	3.36904	3.48867	3.61663	3.75416	3.90278	4.06446	4.24167	1.96
1.98	2.96211	3.05716	3.15738	3.26338	3.37586	3.49566	3.62379	3.76149	3.91030	4.07217	4.24960	1.98
2.00	2.96832	3.06350	3.16387	3.27002	3.38266	3.50262	3.63092	3.76879	3.91780	4.07986	4.25750	2.00
GAM / h	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	h

GAM \ h	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
2.0	2.96832	3.06350	3.16387	3.27002	3.38266	3.50262	3.63092	3.76879	3.91780	4.07986	4.25750
2.2	3.02925	3.12582	3.22762	3.33525	3.44943	3.57100	3.70097	3.84061	3.99147	4.15549	4.33521
2.4	3.08827	3.18619	3.28939	3.39848	3.51417	3.63731	3.76893	3.91030	4.06297	4.22892	4.41069
2.6	3.14554	3.24479	3.34936	3.45987	3.57704	3.70173	3.83497	3.97803	4.13250	4.30034	4.48412
2.8	3.20121	3.30176	3.40768	3.51959	3.63821	3.76442	3.89924	4.04397	4.20019	4.36990	4.55566
3.0	3.25541	3.35723	3.46447	3.57775	3.69780	3.82550	3.96188	4.10825	4.26620	4.43774	4.62546
3.2	3.30825	3.41132	3.51986	3.63448	3.75593	3.88509	4.02301	4.17099	4.33064	4.50398	4.69362
3.4	3.35982	3.46412	3.57393	3.68988	3.81271	3.94330	4.08273	4.23230	4.39362	4.56873	4.76027
3.6	3.41022	3.51572	3.62678	3.74403	3.86821	4.00022	4.14113	4.29236	4.45523	4.63209	4.82550
3.8	3.45952	3.56621	3.67849	3.79702	3.92253	4.05593	4.19830	4.35096	4.51556	4.69415	4.88939
4.0	3.50779	3.61564	3.72913	3.84891	3.97574	4.11051	4.25432	4.40849	4.57468	4.75497	4.95202
4.2	3.55509	3.66408	3.77877	3.89978	4.02790	4.16402	4.30924	4.46490	4.63267	4.81463	5.01347
4.4	3.60147	3.71159	3.82745	3.94968	4.07907	4.21652	4.36314	4.52027	4.68958	4.87320	5.07380
4.6	3.64700	3.75823	3.87524	3.99867	4.12931	4.26807	4.41606	4.57464	4.74549	4.93073	5.13308
4.8	3.69171	3.80403	3.92217	4.04679	4.17866	4.31871	4.46806	4.62807	4.80043	4.98727	5.19134
5.0	3.73564	3.84905	3.96831	4.09409	4.22718	4.36850	4.51918	4.68060	4.85445	5.04288	5.24865
5.2	3.77885	3.89331	4.01368	4.14064	4.27489	4.41747	4.56948	4.73228	4.90761	5.09760	5.30504
5.4	3.82135	3.93686	4.05832	4.18638	4.32185	4.46567	4.61897	4.78315	4.95993	5.15148	5.36057
5.6	3.86319	3.97974	4.10226	4.23145	4.36809	4.51313	4.66772	4.83325	5.01147	5.20454	5.41527
5.8	3.90439	4.02196	4.14555	4.27583	4.41363	4.55988	4.71574	4.88261	5.06224	5.25682	5.46917
6.0	3.94498	4.06356	4.18819	4.31958	4.45851	4.60595	4.76306	4.93126	5.11229	5.30837	5.52232
6.2	3.98500	4.10457	4.23024	4.36270	4.50275	4.65138	4.80973	4.97923	5.16165	5.35920	5.57473
6.4	4.02445	4.14501	4.27170	4.40522	4.54639	4.69618	4.85576	5.02656	5.21034	5.40935	5.62645
6.6	4.06338	4.18490	4.31260	4.44718	4.58945	4.74039	4.90118	5.07325	5.25840	5.45885	5.67748
6.8	4.10179	4.22427	4.35297	4.48859	4.63194	4.78402	4.94601	5.11935	5.30583	5.50771	5.72788
7.0	4.13970	4.26313	4.39282	4.52947	4.67390	4.82710	4.99028	5.16487	5.35267	5.55597	5.77765
7.2	4.17714	4.30151	4.43218	4.56984	4.71533	4.86966	5.03400	5.20983	5.39895	5.60364	5.82682
7.4	4.21413	4.33943	4.47105	4.60972	4.75627	4.91169	5.07720	5.25425	5.44467	5.65075	5.87542
7.6	4.25067	4.37689	4.50947	4.64914	4.79672	4.95324	5.11989	5.29816	5.48986	5.69731	5.92345
7.8	4.28678	4.41391	4.54744	4.68809	4.83671	4.99431	5.16210	5.34157	5.53455	5.74335	5.97094
8.0	4.32249	4.45052	4.58498	4.72661	4.87625	5.03492	5.20383	5.38449	5.57873	5.78887	6.01791
8.2	4.35780	4.48672	4.62211	4.76470	4.91535	5.07508	5.24511	5.42694	5.62243	5.83391	6.06438
8.4	4.39272	4.52252	4.65883	4.80238	4.95405	5.11481	5.28594	5.46894	5.66567	5.87847	6.11035
8.6	4.42727	4.55795	4.69517	4.83966	4.99231	5.15412	5.32635	5.51050	5.70846	5.92257	6.15585
8.8	4.46147	4.59300	4.73112	4.87656	5.03018	5.19303	5.36634	5.55164	5.75081	5.96622	6.20089
9.0	4.49531	4.62770	4.76671	4.91308	5.06768	5.23155	5.40593	5.59237	5.79274	6.00943	6.24549
9.2	4.52881	4.66206	4.80195	4.94924	5.10480	5.26968	5.44513	5.63269	5.83426	6.05223	6.28965
9.4	4.56199	4.69607	4.83684	4.98505	5.14157	5.30745	5.48395	5.67263	5.87538	6.09461	6.33339
9.6	4.59484	4.72976	4.87140	5.02051	5.17798	5.34485	5.52241	5.71219	5.91611	6.13660	6.37672
9.8	4.62739	4.76313	4.90563	5.05564	5.21405	5.38191	5.56050	5.75138	5.95647	6.17819	6.41965
10.0	4.65963	4.79620	4.93955	5.09045	5.24979	5.41862	5.59825	5.79021	5.99646	6.21941	6.46220

h / GAM	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995
0.00	3.28261	3.45575	3.65060	3.87306	4.13181	4.44033	4.82130	5.31740	6.02494	7.25337	8.50103
0.02	3.29532	3.46867	3.66375	3.88645	4.14546	4.45427	4.83556	5.33203	6.04002	7.26908	8.51723
0.04	3.30792	3.48149	3.67680	3.89975	4.15902	4.46812	4.84973	5.34657	6.05502	7.28473	8.53338
0.06	3.32043	3.49422	3.68976	3.91295	4.17249	4.48188	4.86382	5.36104	6.06995	7.30030	8.54945
0.08	3.33284	3.50685	3.70262	3.92607	4.18588	4.49556	4.87783	5.37543	6.08481	7.31581	8.56548
0.10	3.34516	3.51939	3.71540	3.93909	4.19917	4.50916	4.89175	5.38974	6.09960	7.33125	8.58145
0.12	3.35739	3.53184	3.72808	3.95203	4.21239	4.52267	4.90560	5.40397	6.11431	7.34663	8.59734
0.14	3.36952	3.54420	3.74068	3.96489	4.22552	4.53610	4.91937	5.41814	6.12894	7.36194	8.61319
0.16	3.38157	3.55648	3.75320	3.97766	4.23856	4.54945	4.93306	5.43222	6.14352	7.37719	8.62898
0.18	3.39353	3.56867	3.76563	3.99035	4.25153	4.56272	4.94668	5.44624	6.15803	7.39237	8.64471
0.20	3.40541	3.58077	3.77798	4.00296	4.26442	4.57592	4.96022	5.46018	6.17246	7.40750	8.66037
0.22	3.41721	3.59280	3.79025	4.01549	4.27724	4.58904	4.97369	5.47405	6.18683	7.42256	8.67599
0.24	3.42892	3.60475	3.80244	4.02794	4.28997	4.60209	4.98709	5.48786	6.20113	7.43757	8.69155
0.26	3.44056	3.61661	3.81455	4.04032	4.30263	4.61506	5.00041	5.50159	6.21537	7.45252	8.70707
0.28	3.45212	3.62840	3.82659	4.05262	4.31522	4.62797	5.01367	5.51526	6.22954	7.46740	8.72251
0.30	3.46360	3.64012	3.83856	4.06485	4.32774	4.64080	5.02686	5.52886	6.24365	7.48223	8.73791
0.32	3.47501	3.65176	3.85045	4.07701	4.34019	4.65357	5.03998	5.54239	6.25770	7.49700	8.75326
0.34	3.48634	3.66333	3.86227	4.08910	4.35256	4.66626	5.05303	5.55587	6.27169	7.51172	8.76855
0.36	3.49761	3.67483	3.87402	4.10111	4.36487	4.67889	5.06602	5.56927	6.28562	7.52637	8.78379
0.38	3.50880	3.68626	3.88570	4.11306	4.37711	4.69145	5.07895	5.58262	6.29949	7.54098	8.79898
0.40	3.51993	3.69763	3.89731	4.12495	4.38929	4.70395	5.09180	5.59590	6.31329	7.55552	8.81412
0.42	3.53098	3.70892	3.90886	4.13676	4.40140	4.71638	5.10461	5.60913	6.32704	7.57001	8.82920
0.44	3.54197	3.72015	3.92034	4.14852	4.41344	4.72875	5.11734	5.62226	6.34073	7.58446	8.84424
0.46	3.55290	3.73131	3.93176	4.16020	4.42543	4.74106	5.13001	5.63539	6.35436	7.59884	8.85922
0.48	3.56376	3.74241	3.94311	4.17183	4.43735	4.75331	5.14263	5.64844	6.36795	7.61318	8.87417
0.50	3.57456	3.75345	3.95440	4.18339	4.44921	4.76550	5.15519	5.66142	6.38147	7.62746	8.88906
0.52	3.58529	3.76442	3.96563	4.19489	4.46101	4.77762	5.16768	5.67435	6.39494	7.64169	8.90389
0.54	3.59597	3.77534	3.97680	4.20634	4.47275	4.78969	5.18012	5.68723	6.40835	7.65586	8.91869
0.56	3.60658	3.78619	3.98791	4.21772	4.48443	4.80170	5.19251	5.70005	6.42171	7.66999	8.93344
0.58	3.61714	3.79699	3.99896	4.22905	4.49605	4.81366	5.20484	5.71281	6.43502	7.68407	8.94813
0.60	3.62764	3.80773	4.00995	4.24032	4.50762	4.82555	5.21711	5.72552	6.44827	7.69810	8.96280
0.62	3.63808	3.81841	4.02089	4.25153	4.51913	4.83740	5.22932	5.73818	6.46147	7.71208	8.97741
0.64	3.64847	3.82903	4.03177	4.26269	4.53059	4.84919	5.24149	5.75078	6.47463	7.72601	8.99198
0.66	3.65880	3.83960	4.04260	4.27379	4.54199	4.86092	5.25360	5.76333	6.48773	7.73990	9.00648
0.68	3.66907	3.85012	4.05337	4.28484	4.55334	4.87260	5.26566	5.77584	6.50078	7.75374	9.02097
0.70	3.67930	3.86058	4.06409	4.29583	4.56464	4.88423	5.27766	5.78828	6.51378	7.76753	9.03538
0.72	3.68947	3.87099	4.07476	4.30677	4.57588	4.89581	5.28962	5.80069	6.52673	7.78127	9.04973
0.74	3.69958	3.88135	4.08537	4.31767	4.58707	4.90734	5.30153	5.81303	6.53964	7.79497	9.06412
0.76	3.70965	3.89166	4.09594	4.32851	4.59822	4.91881	5.31338	5.82534	6.55250	7.80863	9.07841
0.78	3.71967	3.90192	4.10645	4.33930	4.60931	4.93024	5.32519	5.83759	6.56531	7.82224	9.09267
0.80	3.72964	3.91213	4.11692	4.35004	4.62035	4.94162	5.33694	5.84979	6.57807	7.83580	9.10690
0.82	3.73956	3.92240	4.12733	4.36073	4.63135	4.95295	5.34866	5.86195	6.59079	7.84932	9.12106
0.84	3.74943	3.93240	4.13770	4.37137	4.64229	4.96423	5.36032	5.87406	6.60347	7.86280	9.13520
0.86	3.75925	3.94246	4.14802	4.38197	4.65319	4.97546	5.37193	5.88612	6.61609	7.87623	9.14928
0.88	3.76903	3.95248	4.15829	4.39252	4.66404	4.98665	5.38350	5.89814	6.62867	7.88962	9.16333
0.90	3.77876	3.96245	4.16852	4.40303	4.67485	4.99779	5.39503	5.91012	6.64121	7.90297	9.17734
0.92	3.78844	3.97237	4.17870	4.41348	4.68561	5.00889	5.40650	5.92204	6.65370	7.91627	9.19131
0.94	3.79808	3.98225	4.18884	4.42390	4.69633	5.01994	5.41794	5.93393	6.66616	7.92955	9.20524
0.96	3.80768	3.99209	4.19893	4.43427	4.70700	5.03095	5.42933	5.94577	6.67856	7.94278	9.21913
0.98	3.81723	4.00188	4.20898	4.44459	4.71762	5.04191	5.44067	5.95757	6.69093	7.95596	9.23299
1.00	3.82674	4.01163	4.21898	4.45487	4.72821	5.05283	5.45198	5.96933	6.70325	7.96909	9.24678
h / GAM	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995

GAM\h	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995	h\GAM
1.00	3.82674	4.01163	4.21898	4.45487	4.72821	5.05283	5.45198	5.96933	6.70325	7.96909	9.24678	1.00
1.02	3.83621	4.02133	4.22894	4.46511	4.73875	5.06371	5.46324	5.98104	6.71554	7.98220	9.26057	1.02
1.04	3.84564	4.03100	4.23886	4.47531	4.74925	5.07455	5.47446	5.99271	6.72778	7.99526	9.27430	1.04
1.06	3.85502	4.04062	4.24874	4.48546	4.75971	5.08534	5.48564	6.00434	6.73997	8.00829	9.28800	1.06
1.08	3.86436	4.05020	4.25858	4.49557	4.77012	5.09609	5.49677	6.01593	6.75213	8.02127	9.30165	1.08
1.10	3.87367	4.05975	4.26838	4.50565	4.78050	5.10680	5.50787	6.02748	6.76426	8.03422	9.31528	1.10
1.12	3.88293	4.06925	4.27813	4.51568	4.79083	5.11747	5.51892	6.03899	6.77633	8.04712	9.32887	1.12
1.14	3.89215	4.07871	4.28785	4.52567	4.80113	5.12811	5.52993	6.05045	6.78838	8.05999	9.34242	1.14
1.16	3.90134	4.08813	4.29753	4.53563	4.81138	5.13870	5.54091	6.06189	6.80038	8.07282	9.35593	1.16
1.18	3.91049	4.09752	4.30717	4.54554	4.82160	5.14925	5.55185	6.07328	6.81235	8.08561	9.36940	1.18
1.20	3.91960	4.10687	4.31677	4.55542	4.83178	5.15976	5.56274	6.08463	6.82427	8.09838	9.38286	1.20
1.22	3.92867	4.11617	4.32633	4.56525	4.84191	5.17024	5.57360	6.09594	6.83616	8.11110	9.39626	1.22
1.24	3.93771	4.12545	4.33586	4.57506	4.85202	5.18068	5.58443	6.10722	6.84801	8.12378	9.40962	1.24
1.26	3.94671	4.13468	4.34534	4.58482	4.86208	5.19107	5.59521	6.11846	6.85983	8.13642	9.42296	1.26
1.28	3.95567	4.14388	4.35480	4.59454	4.87211	5.20144	5.60596	6.12966	6.87160	8.14905	9.43627	1.28
1.30	3.96460	4.15304	4.36421	4.60423	4.88210	5.21176	5.61667	6.14083	6.88334	8.16163	9.44954	1.30
1.32	3.97349	4.16217	4.37360	4.61389	4.89205	5.22206	5.62734	6.15196	6.89505	8.17416	9.46277	1.32
1.34	3.98235	4.17127	4.38294	4.62351	4.90197	5.23231	5.63798	6.16305	6.90671	8.18667	9.47597	1.34
1.36	3.99117	4.18032	4.39225	4.63309	4.91186	5.24253	5.64858	6.17410	6.91835	8.19914	9.48914	1.36
1.38	3.99996	4.18935	4.40153	4.64264	4.92171	5.25272	5.65915	6.18513	6.92995	8.21158	9.50227	1.38
1.40	4.00872	4.19834	4.41077	4.65216	4.93152	5.26286	5.66969	6.19612	6.94152	8.22399	9.51537	1.40
1.42	4.01744	4.20730	4.41998	4.66164	4.94130	5.27298	5.68048	6.20707	6.95304	8.23636	9.52844	1.42
1.44	4.02613	4.21622	4.42915	4.67109	4.95105	5.28306	5.69065	6.21799	6.96454	8.24869	9.54148	1.44
1.46	4.03479	4.22511	4.43830	4.68050	4.96076	5.29311	5.70108	6.22888	6.97600	8.26100	9.55449	1.46
1.48	4.04342	4.23397	4.44741	4.68988	4.97044	5.30312	5.71147	6.23972	6.98743	8.27327	9.56744	1.48
1.50	4.05201	4.24280	4.45648	4.69923	4.98009	5.31310	5.72184	6.25054	6.99883	8.28551	9.58038	1.50
1.52	4.06057	4.25159	4.46553	4.70855	4.98971	5.32305	5.73217	6.26133	7.01019	8.29772	9.59330	1.52
1.54	4.06911	4.26036	4.47454	4.71783	4.99929	5.33297	5.74247	6.27208	7.02152	8.30989	9.60617	1.54
1.56	4.07761	4.26909	4.48352	4.72709	5.00884	5.34285	5.75273	6.28280	7.03281	8.32203	9.61901	1.56
1.58	4.08608	4.27779	4.49248	4.73631	5.01836	5.35271	5.76297	6.29349	7.04408	8.33414	9.63183	1.58
1.60	4.09452	4.28647	4.50140	4.74550	5.02785	5.36252	5.77316	6.30415	7.05531	8.34623	9.64461	1.60
1.62	4.10293	4.29511	4.51028	4.75466	5.03730	5.37232	5.78333	6.31477	7.06652	8.35828	9.65737	1.62
1.64	4.11132	4.30372	4.51915	4.76379	5.04673	5.38208	5.79348	6.32537	7.07769	8.37029	9.67008	1.64
1.66	4.11967	4.31231	4.52798	4.77289	5.05613	5.39180	5.80358	6.33593	7.08883	8.38228	9.68278	1.66
1.68	4.12799	4.32086	4.53678	4.78196	5.06549	5.40150	5.81366	6.34646	7.09994	8.39423	9.69544	1.68
1.70	4.13629	4.32939	4.54556	4.79100	5.07483	5.41117	5.82371	6.35697	7.11102	8.40616	9.70807	1.70
1.72	4.14456	4.33788	4.55430	4.80001	5.08414	5.42081	5.83373	6.36744	7.12207	8.41806	9.72069	1.72
1.74	4.15280	4.34635	4.56301	4.80900	5.09342	5.43041	5.84372	6.37788	7.13309	8.42992	9.73325	1.74
1.76	4.16101	4.35479	4.57170	4.81795	5.10267	5.43999	5.85368	6.38829	7.14407	8.44175	9.74579	1.76
1.78	4.16919	4.36321	4.58036	4.82688	5.11188	5.44954	5.86361	6.39867	7.15503	8.45356	9.75832	1.78
1.80	4.17735	4.37159	4.58899	4.83578	5.12104	5.45907	5.87351	6.40903	7.16596	8.46535	9.77081	1.80
1.82	4.18544	4.37995	4.59759	4.84465	5.13024	5.46856	5.88338	6.41935	7.17686	8.47709	9.78325	1.82
1.84	4.19359	4.38828	4.60617	4.85349	5.13938	5.47803	5.89323	6.42964	7.18774	8.48882	9.79569	1.84
1.86	4.20167	4.39659	4.61472	4.86231	5.14849	5.48746	5.90304	6.43991	7.19858	8.50051	9.80810	1.86
1.88	4.20972	4.40486	4.62324	4.87109	5.15757	5.49687	5.91283	6.45015	7.20939	8.51217	9.82047	1.88
1.90	4.21774	4.41312	4.63174	4.87985	5.16662	5.50625	5.92259	6.46037	7.22018	8.52380	9.83282	1.90
1.92	4.22575	4.42135	4.64021	4.88859	5.17565	5.51561	5.93232	6.47055	7.23095	8.53542	9.84514	1.92
1.94	4.23372	4.42955	4.64865	4.89730	5.18465	5.52494	5.94203	6.48070	7.24167	8.54700	9.85745	1.94
1.96	4.24167	4.43772	4.65707	4.90598	5.19362	5.53424	5.95171	6.49084	7.25238	8.55855	9.86971	1.96
1.98	4.24960	4.44587	4.66547	4.91464	5.20257	5.54351	5.96136	6.50093	7.26306	8.57008	9.88194	1.98
2.00	4.25750	4.45400	4.67383	4.92327	5.21149	5.55277	5.97098	6.51101	7.27371	8.58157	9.89417	2.00
GAM\h	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995	h\GAM

GAM	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995	h
2.0	4.25750	4.45400	4.67383	4.92327	5.21149	5.55277	5.97098	6.51101	7.27371	8.58157	9.89417	2.0
2.2	4.33521	4.53393	4.75617	5.00823	5.29934	5.64386	6.06582	6.61033	7.37876	8.69513	10.01486	2.2
2.4	4.41069	4.61161	4.83621	5.09085	5.38482	5.73255	6.15822	6.70718	7.48132	8.80615	10.13304	2.4
2.6	4.48412	4.68720	4.91414	5.17132	5.46811	5.81902	6.24836	6.80174	7.58155	8.91484	10.24890	2.6
2.8	4.55566	4.76087	4.99011	5.24981	5.54939	5.90344	6.33641	6.89415	7.67961	9.02131	10.36255	2.8
3.0	4.62546	4.83276	5.06427	5.32645	5.62877	5.98593	6.42250	6.98458	7.77563	9.12571	10.47411	3.0
3.2	4.69362	4.90299	5.13674	5.40136	5.70641	6.06662	6.50675	7.07313	7.86973	9.22814	10.58369	3.2
3.4	4.76027	4.97168	5.20762	5.47467	5.78239	6.14564	6.58929	7.15991	7.96202	9.32872	10.69138	3.4
3.6	4.82550	5.03891	5.27703	5.54646	5.85683	6.22308	6.67020	7.24504	8.05261	9.42755	10.79731	3.6
3.8	4.88939	5.10478	5.34505	5.61683	5.92981	6.29901	6.74959	7.32860	8.14158	9.52471	10.90153	3.8
4.0	4.95202	5.16936	5.41175	5.68585	6.00142	6.37355	6.82753	7.41067	8.22902	9.62027	11.00415	4.0
4.2	5.01347	5.23274	5.47722	5.75361	6.07173	6.44676	6.90410	7.49133	8.31501	9.71433	11.10520	4.2
4.4	5.07380	5.29497	5.54151	5.82017	6.14081	6.51870	6.97938	7.57065	8.39960	9.80696	11.20480	4.4
4.6	5.13308	5.35612	5.60470	5.88559	6.20872	6.58944	7.05342	7.64871	8.48288	9.89819	11.30294	4.6
4.8	5.19134	5.41623	5.66682	5.94993	6.27552	6.65904	7.12629	7.72555	8.56491	9.98812	11.39977	4.8
5.0	5.24865	5.47537	5.72795	6.01324	6.34127	6.72755	7.19803	7.80122	8.64572	10.07679	11.49527	5.0
5.2	5.30504	5.53357	5.78812	6.07557	6.40601	6.79503	7.26871	7.87578	8.72538	10.16423	11.58954	5.2
5.4	5.36057	5.59089	5.84737	6.13696	6.46978	6.86151	7.33835	7.94929	8.80394	10.25050	11.68260	5.4
5.6	5.41527	5.64735	5.90575	6.19745	6.53263	6.92704	7.40702	8.02178	8.88144	10.33568	11.77451	5.6
5.8	5.46917	5.70299	5.96330	6.25708	6.59459	6.99166	7.47474	8.09330	8.95791	10.41978	11.86530	5.8
6.0	5.52232	5.75786	6.02004	6.31589	6.65571	7.05541	7.54157	8.16387	9.03342	10.50284	11.95502	6.0
6.2	5.57473	5.81198	6.07602	6.37392	6.71602	7.11832	7.60752	8.23355	9.10797	10.58490	12.04367	6.2
6.4	5.62645	5.86538	6.13126	6.43118	6.77554	7.18042	7.67264	8.30235	9.18162	10.66599	12.13136	6.4
6.6	5.67748	5.91809	6.18579	6.48772	6.83432	7.24174	7.73696	8.37032	9.25440	10.74616	12.21806	6.6
6.8	5.72788	5.97014	6.23964	6.54354	6.89237	7.30231	7.80050	8.43749	9.32632	10.82545	12.30385	6.8
7.0	5.77765	6.02155	6.29283	6.59870	6.94971	7.36217	7.86329	8.50386	9.39744	10.90384	12.38868	7.0
7.2	5.82682	6.07234	6.34538	6.65320	7.00639	7.42133	7.92536	8.56950	9.46775	10.98141	12.47267	7.2
7.4	5.87542	6.12254	6.39733	6.70707	7.06242	7.47982	7.98673	8.63440	9.53731	11.05816	12.55580	7.4
7.6	5.92345	6.17216	6.44868	6.76034	7.11781	7.53765	8.04743	8.69861	9.60613	11.13412	12.63808	7.6
7.8	5.97094	6.22122	6.49946	6.81301	7.17261	7.59487	8.10748	8.76213	9.67424	11.20931	12.71957	7.8
8.0	6.01791	6.26976	6.54969	6.86511	7.22682	7.65146	8.16689	8.82498	9.74164	11.28375	12.80029	8.0
8.2	6.06438	6.31777	6.59938	6.91666	7.28045	7.70747	8.22568	8.88720	9.80839	11.35749	12.88026	8.2
8.4	6.11035	6.36527	6.64856	6.96768	7.33353	7.76291	8.28389	8.94880	9.87448	11.43052	12.95945	8.4
8.6	6.15585	6.41228	6.69724	7.01818	7.38607	7.81780	8.34152	9.00981	9.93992	11.50287	13.03794	8.6
8.8	6.20089	6.45883	6.74542	7.06818	7.43810	7.87214	8.39859	9.07022	10.00474	11.57455	13.11576	8.8
9.0	6.24549	6.50492	6.79313	7.11769	7.48962	7.92596	8.45512	9.13006	10.06897	11.64558	13.19288	9.0
9.2	6.28965	6.55056	6.84039	7.16673	7.54065	7.97928	8.51112	9.18935	10.13261	11.71600	13.26934	9.2
9.4	6.33339	6.59577	6.88719	7.21530	7.59121	8.03210	8.56659	9.24812	10.19569	11.78581	13.34514	9.4
9.6	6.37672	6.64055	6.93357	7.26343	7.64130	8.08443	8.62158	9.30635	10.25822	11.85501	13.42032	9.6
9.8	6.41965	6.68493	6.97952	7.31112	7.69094	8.13631	8.67607	9.36406	10.32021	11.92365	13.49488	9.8
10.0	6.46220	6.72890	7.02506	7.35839	7.74015	8.18773	8.73011	9.42128	10.38167	11.99171	13.56886	10.0
GAM	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.995	h

GAM	0.08333	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	h
0.	0.09038	0.14109	0.19581	0.46243	0.54377	0.63252	1.08790	1.23705	1.40693	2.46093	2.91985	0.
0.02	0.09182	0.14317	0.19848	0.46731	0.54917	0.63844	1.09588	1.24556	1.41598	2.47240	2.93205	0.02
0.04	0.09319	0.14516	0.20106	0.47207	0.55445	0.64423	1.10373	1.25394	1.42491	2.48376	2.94416	0.04
0.06	0.09451	0.14707	0.20355	0.47671	0.55960	0.64949	1.11146	1.26220	1.43371	2.49501	2.95616	0.06
0.08	0.09577	0.14892	0.20597	0.48124	0.56465	0.65545	1.11907	1.27034	1.44240	2.50616	2.96806	0.08
0.10	0.09699	0.15072	0.20831	0.48568	0.56960	0.66090	1.12657	1.27837	1.45098	2.51720	2.97986	0.10
0.12	0.09817	0.15246	0.21059	0.49003	0.57444	0.66625	1.13396	1.28630	1.45945	2.52815	2.99157	0.12
0.14	0.09932	0.15415	0.21281	0.49428	0.57920	0.67151	1.14126	1.29412	1.46782	2.53900	3.00319	0.14
0.16	0.10043	0.15579	0.21498	0.49846	0.58387	0.67668	1.14845	1.30185	1.47609	2.54976	3.01472	0.16
0.18	0.10152	0.15739	0.21709	0.50256	0.58846	0.68176	1.15555	1.30948	1.48426	2.56042	3.02616	0.18
0.20	0.10257	0.15896	0.21916	0.50659	0.59298	0.68676	1.16256	1.31701	1.49235	2.57100	3.03751	0.20
0.22	0.10360	0.16049	0.22118	0.51054	0.59742	0.69168	1.16948	1.32446	1.50034	2.58149	3.04877	0.22
0.24	0.10461	0.16199	0.22317	0.51444	0.60179	0.69653	1.17632	1.33183	1.50825	2.59189	3.05996	0.24
0.26	0.10559	0.16345	0.22511	0.51826	0.60609	0.70131	1.18308	1.33911	1.51607	2.60221	3.07106	0.26
0.28	0.10656	0.16489	0.22701	0.52203	0.61033	0.70603	1.18976	1.34631	1.52382	2.61246	3.08209	0.28
0.30	0.10750	0.16630	0.22889	0.52575	0.61451	0.71067	1.19636	1.35343	1.53148	2.62262	3.09304	0.30
0.32	0.10843	0.16769	0.23073	0.52941	0.61863	0.71526	1.20289	1.36048	1.53907	2.63270	3.10391	0.32
0.34	0.10934	0.16905	0.23253	0.53301	0.62269	0.71978	1.20935	1.36746	1.54658	2.64271	3.11470	0.34
0.36	0.11023	0.17038	0.23431	0.53657	0.62670	0.72425	1.21575	1.37437	1.55403	2.65265	3.12543	0.36
0.38	0.11111	0.17170	0.23606	0.54006	0.63066	0.72867	1.22207	1.38121	1.56140	2.66251	3.13608	0.38
0.40	0.11198	0.17299	0.23778	0.54355	0.63457	0.73303	1.22833	1.38798	1.56871	2.67230	3.14666	0.40
0.42	0.11283	0.17427	0.23949	0.54697	0.63843	0.73734	1.23453	1.39469	1.57594	2.68202	3.15718	0.42
0.44	0.11366	0.17552	0.24116	0.55034	0.64224	0.74159	1.24067	1.40134	1.58312	2.69168	3.16763	0.44
0.46	0.11449	0.17676	0.24281	0.55368	0.64601	0.74581	1.24675	1.40792	1.59023	2.70127	3.17801	0.46
0.48	0.11530	0.17798	0.24444	0.55698	0.64973	0.74997	1.25278	1.41445	1.59728	2.71079	3.18832	0.48
0.50	0.11610	0.17918	0.24605	0.56024	0.65343	0.75409	1.25871	1.42092	1.60428	2.72025	3.19858	0.50
0.52	0.11689	0.18037	0.24763	0.56346	0.65707	0.75817	1.26466	1.42733	1.61121	2.72965	3.20877	0.52
0.54	0.11767	0.18154	0.24920	0.56665	0.66068	0.76221	1.27052	1.43369	1.61809	2.73899	3.21890	0.54
0.56	0.11844	0.18269	0.25075	0.56980	0.66425	0.76620	1.27633	1.44000	1.62491	2.74827	3.22897	0.56
0.58	0.11920	0.18384	0.25227	0.57292	0.66779	0.77016	1.28209	1.44625	1.63168	2.75749	3.23898	0.58
0.60	0.11995	0.18497	0.25379	0.57601	0.67128	0.77407	1.28781	1.45245	1.63840	2.76665	3.24893	0.60
0.62	0.12069	0.18608	0.25528	0.57906	0.67475	0.77795	1.29347	1.45860	1.64506	2.77575	3.25883	0.62
0.64	0.12142	0.18718	0.25676	0.58209	0.67818	0.78180	1.29909	1.46471	1.65168	2.78480	3.26867	0.64
0.66	0.12214	0.18827	0.25822	0.58509	0.68158	0.78561	1.30467	1.47077	1.65824	2.79379	3.27845	0.66
0.68	0.12286	0.18935	0.25966	0.58806	0.68494	0.78938	1.31020	1.47678	1.66476	2.80273	3.28818	0.68
0.70	0.12357	0.19042	0.26109	0.59100	0.68830	0.79312	1.31568	1.48275	1.67123	2.81162	3.29786	0.70
0.72	0.12427	0.19148	0.26251	0.59391	0.69158	0.79683	1.32113	1.48867	1.67766	2.82046	3.30748	0.72
0.74	0.12496	0.19252	0.26391	0.59680	0.69486	0.80051	1.32653	1.49455	1.68404	2.82924	3.31705	0.74
0.76	0.12565	0.19356	0.26530	0.59966	0.69811	0.80415	1.33190	1.50039	1.69037	2.83797	3.32657	0.76
0.78	0.12633	0.19458	0.26668	0.60250	0.70133	0.80777	1.33722	1.50618	1.69667	2.84666	3.33605	0.78
0.80	0.12700	0.19560	0.26804	0.60531	0.70453	0.81136	1.34251	1.51194	1.70292	2.85530	3.34547	0.80
0.82	0.12766	0.19660	0.26939	0.60810	0.70770	0.81491	1.34776	1.51766	1.70913	2.86389	3.35484	0.82
0.84	0.12832	0.19760	0.27073	0.61086	0.71084	0.81845	1.35297	1.52333	1.71530	2.87243	3.36417	0.84
0.86	0.12898	0.19858	0.27205	0.61361	0.71396	0.82195	1.35815	1.52897	1.72142	2.88093	3.37345	0.86
0.88	0.12963	0.19956	0.27336	0.61633	0.71705	0.82543	1.36329	1.53458	1.72751	2.88938	3.38268	0.88
0.90	0.13027	0.20053	0.27467	0.61903	0.72012	0.82888	1.36839	1.54014	1.73357	2.89779	3.39187	0.90
0.92	0.13090	0.20149	0.27596	0.62171	0.72317	0.83230	1.37347	1.54567	1.73958	2.90615	3.40101	0.92
0.94	0.13153	0.20245	0.27724	0.62437	0.72619	0.83570	1.37851	1.55117	1.74556	2.91447	3.41011	0.94
0.96	0.13216	0.20339	0.27851	0.62701	0.72920	0.83908	1.38351	1.55663	1.75150	2.92275	3.41916	0.96
0.98	0.13278	0.20433	0.27977	0.62963	0.73218	0.84243	1.38849	1.56206	1.75740	2.93098	3.42818	0.98
1.00	0.13339	0.20526	0.28102	0.63223	0.73514	0.84576	1.39343	1.56745	1.76327	2.93918	3.43714	1.00
GAM	0.08333	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	h

GAM / h	0.08333	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	h / GAM
1.00	0.13339	0.20526	0.28102	0.63223	0.73514	0.84576	1.39343	1.56745	1.76327	2.93918	3.43714	1.00
1.02	0.13400	0.20618	0.28226	0.63481	0.73808	0.84906	1.39834	1.57281	1.76911	2.94733	3.44607	1.02
1.04	0.13461	0.20710	0.28349	0.63737	0.74099	0.85235	1.40323	1.57814	1.77491	2.95545	3.45496	1.04
1.06	0.13521	0.20801	0.28471	0.63992	0.74389	0.85561	1.40808	1.58344	1.78068	2.96352	3.46380	1.06
1.08	0.13581	0.20891	0.28593	0.64245	0.74677	0.85885	1.41291	1.58871	1.78641	2.97156	3.47261	1.08
1.10	0.13640	0.20980	0.28713	0.64496	0.74963	0.86207	1.41770	1.59395	1.79212	2.97955	3.48137	1.10
1.12	0.13698	0.21069	0.28833	0.64745	0.75247	0.86526	1.42247	1.59915	1.79779	2.98751	3.49010	1.12
1.14	0.13757	0.21157	0.28951	0.64993	0.75529	0.86844	1.42721	1.60433	1.80343	2.99543	3.49879	1.14
1.16	0.13815	0.21245	0.29069	0.65239	0.75810	0.87160	1.43192	1.60948	1.80904	3.00332	3.50744	1.16
1.18	0.13872	0.21332	0.29186	0.65484	0.76089	0.87474	1.43661	1.61460	1.81463	3.01117	3.51605	1.18
1.20	0.13929	0.21418	0.29303	0.65727	0.76365	0.87786	1.44127	1.61969	1.82018	3.01898	3.52463	1.20
1.22	0.13986	0.21504	0.29418	0.65969	0.76641	0.88096	1.44590	1.62476	1.82570	3.02676	3.53317	1.22
1.24	0.14042	0.21589	0.29533	0.66209	0.76914	0.88404	1.45051	1.62980	1.83119	3.03450	3.54167	1.24
1.26	0.14098	0.21674	0.29647	0.66447	0.77186	0.88711	1.45510	1.63481	1.83666	3.04221	3.55014	1.26
1.28	0.14153	0.21758	0.29760	0.66684	0.77457	0.89015	1.45966	1.63979	1.84210	3.04989	3.55857	1.28
1.30	0.14208	0.21841	0.29872	0.66920	0.77725	0.89318	1.46419	1.64475	1.84751	3.05753	3.56697	1.30
1.32	0.14263	0.21924	0.29984	0.67154	0.77992	0.89619	1.46870	1.64969	1.85289	3.06514	3.57533	1.32
1.34	0.14318	0.22007	0.30095	0.67387	0.78258	0.89919	1.47319	1.65460	1.85825	3.07272	3.58366	1.34
1.36	0.14372	0.22089	0.30206	0.67619	0.78522	0.90216	1.47766	1.65948	1.86358	3.08026	3.59195	1.36
1.38	0.14425	0.22170	0.30315	0.67849	0.78785	0.90512	1.48210	1.66435	1.86889	3.08777	3.60021	1.38
1.40	0.14479	0.22251	0.30425	0.68078	0.79046	0.90807	1.48652	1.66918	1.87417	3.09526	3.60844	1.40
1.42	0.14532	0.22331	0.30533	0.68306	0.79306	0.91100	1.49092	1.67399	1.87942	3.10271	3.61664	1.42
1.44	0.14585	0.22411	0.30641	0.68532	0.79564	0.91391	1.49530	1.67879	1.88465	3.11013	3.62481	1.44
1.46	0.14637	0.22491	0.30748	0.68758	0.79821	0.91681	1.49965	1.68355	1.88986	3.11752	3.63294	1.46
1.48	0.14690	0.22570	0.30855	0.68982	0.80077	0.91969	1.50399	1.68830	1.89504	3.12488	3.64104	1.48
1.50	0.14741	0.22649	0.30961	0.69205	0.80331	0.92256	1.50830	1.69302	1.90020	3.13221	3.64911	1.50
1.52	0.14793	0.22727	0.31066	0.69426	0.80584	0.92542	1.51260	1.69772	1.90533	3.13951	3.65716	1.52
1.54	0.14844	0.22804	0.31171	0.69647	0.80836	0.92826	1.51687	1.70240	1.91045	3.14678	3.66517	1.54
1.56	0.14895	0.22882	0.31275	0.69866	0.81086	0.93108	1.52112	1.70706	1.91554	3.15402	3.67315	1.56
1.58	0.14946	0.22959	0.31379	0.70084	0.81335	0.93389	1.52536	1.71170	1.92060	3.16124	3.68110	1.58
1.60	0.14996	0.23035	0.31482	0.70301	0.81583	0.93669	1.52957	1.71632	1.92565	3.16843	3.68902	1.60
1.62	0.15046	0.23111	0.31584	0.70518	0.81830	0.93947	1.53377	1.72091	1.93067	3.17559	3.69691	1.62
1.64	0.15096	0.23187	0.31686	0.70733	0.82075	0.94224	1.53794	1.72549	1.93567	3.18272	3.70478	1.64
1.66	0.15146	0.23262	0.31788	0.70946	0.82320	0.94500	1.54210	1.73004	1.94065	3.18983	3.71262	1.66
1.68	0.15195	0.23337	0.31889	0.71159	0.82563	0.94775	1.54624	1.73458	1.94561	3.19691	3.72042	1.68
1.70	0.15244	0.23411	0.31989	0.71371	0.82805	0.95048	1.55036	1.73910	1.95055	3.20396	3.72821	1.70
1.72	0.15293	0.23486	0.32089	0.71582	0.83046	0.95320	1.55447	1.74359	1.95547	3.21099	3.73596	1.72
1.74	0.15342	0.23559	0.32189	0.71792	0.83285	0.95590	1.55855	1.74807	1.96037	3.21799	3.74369	1.74
1.76	0.15390	0.23633	0.32288	0.72001	0.83524	0.95860	1.56262	1.75253	1.96524	3.22497	3.75139	1.76
1.78	0.15438	0.23706	0.32386	0.72209	0.83761	0.96128	1.56667	1.75697	1.97010	3.23192	3.75906	1.78
1.80	0.15485	0.23778	0.32484	0.72416	0.83998	0.96395	1.57071	1.76140	1.97494	3.23885	3.76671	1.80
1.82	0.15534	0.23851	0.32582	0.72622	0.84233	0.96661	1.57473	1.76580	1.97976	3.24575	3.77433	1.82
1.84	0.15581	0.23923	0.32679	0.72827	0.84468	0.96925	1.57873	1.77019	1.98456	3.25263	3.78193	1.84
1.86	0.15628	0.23994	0.32776	0.73031	0.84701	0.97189	1.58271	1.77456	1.98934	3.25948	3.78949	1.86
1.88	0.15675	0.24065	0.32872	0.73234	0.84933	0.97451	1.58668	1.77892	1.99411	3.26631	3.79704	1.88
1.90	0.15722	0.24136	0.32968	0.73437	0.85164	0.97713	1.59064	1.78325	1.99885	3.27312	3.80456	1.90
1.92	0.15769	0.24207	0.33063	0.73638	0.85395	0.97973	1.59457	1.78757	2.00358	3.27990	3.81205	1.92
1.94	0.15815	0.24277	0.33158	0.73839	0.85624	0.98232	1.59849	1.79187	2.00828	3.28666	3.81953	1.94
1.96	0.15861	0.24347	0.33252	0.74039	0.85852	0.98490	1.60240	1.79616	2.01298	3.29340	3.82697	1.96
1.98	0.15907	0.24417	0.33347	0.74238	0.86080	0.98747	1.60629	1.80043	2.01765	3.30011	3.83440	1.98
2.00	0.15953	0.24486	0.33440	0.74436	0.86306	0.99002	1.61017	1.80468	2.02230	3.30681	3.84179	2.00
GAM / h	0.12500	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	h / GAM

GAM	0.08333	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	GAM
2.0	0.15953	0.24486	0.33449	0.74436	0.86306	0.99002	1.61017	1.80468	2.02230	3.30681	3.84179	2.0
2.2	0.16399	0.25164	0.34355	0.76373	0.88521	1.01506	1.64814	1.84636	2.06795	3.37255	3.91453	2.2
2.4	0.16827	0.25815	0.35234	0.78237	0.90653	1.03917	1.68479	1.88660	2.11205	3.43627	3.98511	2.4
2.6	0.17240	0.26441	0.36081	0.80036	0.92711	1.06244	1.72024	1.92555	2.15475	3.49815	4.05373	2.6
2.8	0.17638	0.27046	0.36899	0.81775	0.94702	1.08497	1.75459	1.96332	2.19617	3.55834	4.12053	2.8
3.0	0.18023	0.27632	0.37691	0.83461	0.96632	1.10682	1.78796	2.00001	2.23644	3.61698	4.18567	3.0
3.2	0.18397	0.28201	0.38460	0.85098	0.98507	1.12805	1.82041	2.03571	2.27563	3.67417	4.24924	3.2
3.4	0.18760	0.28753	0.39206	0.86690	1.00331	1.14870	1.85202	2.07049	2.31383	3.73002	4.31137	3.4
3.6	0.19115	0.29290	0.39933	0.88241	1.02108	1.16883	1.88285	2.10443	2.35111	3.78461	4.37215	3.6
3.8	0.19458	0.29814	0.40642	0.89754	1.03841	1.18846	1.91296	2.13758	2.38754	3.83804	4.43165	3.8
4.0	0.19793	0.30325	0.41333	0.91231	1.05533	1.20764	1.94240	2.16999	2.42317	3.89036	4.48996	4.0
4.2	0.20121	0.30824	0.42009	0.92674	1.07188	1.22640	1.97120	2.20172	2.45805	3.94166	4.54715	4.2
4.4	0.20442	0.31312	0.42669	0.94087	1.08808	1.24475	1.99941	2.23280	2.49222	3.99198	4.60328	4.4
4.6	0.20756	0.31790	0.43316	0.95471	1.10394	1.26273	2.02706	2.26327	2.52573	4.04138	4.65841	4.6
4.8	0.21064	0.32258	0.43950	0.96827	1.11950	1.28037	2.05418	2.29316	2.55862	4.08990	4.71258	4.8
5.0	0.21365	0.32717	0.44571	0.98158	1.13475	1.29767	2.08081	2.32252	2.59092	4.13760	4.76585	5.0
5.2	0.21661	0.33168	0.45181	0.99464	1.14973	1.31465	2.10697	2.35135	2.62265	4.18451	4.81826	5.2
5.4	0.21952	0.33610	0.45780	1.00747	1.16445	1.33134	2.13269	2.37971	2.65385	4.23067	4.86984	5.4
5.6	0.22237	0.34044	0.46369	1.02008	1.17891	1.34775	2.15798	2.40759	2.68455	4.27612	4.92065	5.6
5.8	0.22518	0.34472	0.46947	1.03248	1.19314	1.36388	2.18286	2.43504	2.71477	4.32089	4.97071	5.8
6.0	0.22794	0.34892	0.47516	1.04468	1.20714	1.37977	2.20736	2.46206	2.74452	4.36500	5.02005	6.0
6.2	0.23066	0.35306	0.48077	1.05670	1.22093	1.39540	2.23149	2.48868	2.77383	4.40849	5.06870	6.2
6.4	0.23333	0.35713	0.48628	1.06853	1.23451	1.41081	2.25527	2.51492	2.80272	4.45138	5.11670	6.4
6.6	0.23597	0.36114	0.49172	1.08020	1.24789	1.42599	2.27872	2.54078	2.83121	4.49370	5.16406	6.6
6.8	0.23856	0.36510	0.49708	1.09169	1.26108	1.44096	2.30184	2.56629	2.85931	4.53547	5.21082	6.8
7.0	0.24112	0.36900	0.50236	1.10303	1.27410	1.45573	2.32465	2.59147	2.88704	4.57670	5.25699	7.0
7.2	0.24365	0.37284	0.50757	1.11422	1.28693	1.47030	2.34716	2.61631	2.91442	4.61742	5.30260	7.2
7.4	0.24614	0.37664	0.51271	1.12526	1.29961	1.48468	2.36939	2.64084	2.94144	4.65765	5.34766	7.4
7.6	0.24860	0.38038	0.51779	1.13616	1.31212	1.49888	2.39134	2.66507	2.96814	4.69741	5.39220	7.6
7.8	0.25103	0.38408	0.52280	1.14692	1.32447	1.51290	2.41303	2.68901	2.99452	4.73670	5.43623	7.8
8.0	0.25343	0.38774	0.52775	1.15756	1.33668	1.52675	2.43446	2.71267	3.02059	4.77556	5.47978	8.0
8.2	0.25580	0.39135	0.53264	1.16807	1.34874	1.54045	2.45564	2.73605	3.04636	4.81398	5.52285	8.2
8.4	0.25814	0.39492	0.53747	1.17845	1.36067	1.55398	2.47659	2.75918	3.07185	4.85199	5.56546	8.4
8.6	0.26045	0.39846	0.54225	1.18872	1.37246	1.56736	2.49730	2.78205	3.09706	4.88960	5.60762	8.6
8.8	0.26274	0.40193	0.54698	1.19888	1.38412	1.58060	2.51779	2.80467	3.12199	4.92681	5.64936	8.8
9.0	0.26501	0.40538	0.55165	1.20893	1.39565	1.59370	2.53806	2.82705	3.14667	4.96365	5.69068	9.0
9.2	0.26725	0.40879	0.55628	1.21887	1.40707	1.60665	2.55812	2.84921	3.17109	5.00013	5.73159	9.2
9.4	0.26946	0.41217	0.56085	1.22871	1.41836	1.61948	2.57798	2.87114	3.19527	5.03625	5.77211	9.4
9.6	0.27166	0.41551	0.56538	1.23844	1.42954	1.63217	2.59765	2.89286	3.21921	5.07202	5.81225	9.6
9.8	0.27383	0.41882	0.56986	1.24809	1.44061	1.64474	2.61712	2.91436	3.24292	5.10746	5.85201	9.8
10.0	0.27598	0.42209	0.57430	1.25763	1.45158	1.65719	2.63640	2.93566	3.26641	5.14258	5.89141	10.0
GAM/h	0.08333	0.12500	0.16667	0.33333	0.37500	0.41667	0.58333	0.62500	0.66667	0.83333	0.87500	GAM/h

Table 3 Factors for Variances and Covariances

$\hat{\xi}$	A	C	B	ρ	100h% Censored	$\hat{\xi}$
4.0	1.00000	.000006	.500030	.000001	0.00	4.0
3.5	1.00001	.000052	.500208	.000074	0.02	3.5
3.0	1.00010	.000335	.501180	.000473	0.13	3.0
2.5	1.00056	.001712	.505280	.002407	0.62	2.5
2.4	1.00078	.002312	.506935	.003247	0.82	2.4
2.3	1.00107	.003099	.509030	.004341	1.07	2.3
2.2	1.00147	.004121	.511658	.005757	1.39	2.2
2.1	1.00200	.005438	.514926	.007571	1.79	2.1
2.0	1.00270	.007123	.518960	.009875	2.28	2.0
1.9	1.00363	.009266	.523899	.012778	2.87	1.9
1.8	1.00485	.011971	.529899	.016405	3.59	1.8
1.7	1.00645	.015368	.537141	.020901	4.46	1.7
1.6	1.00852	.019610	.545827	.026431	5.48	1.6
1.5	1.01120	.024884	.556186	.033181	6.68	1.5
1.4	1.01467	.031410	.568471	.041358	8.08	1.4
1.3	1.01914	.039460	.582981	.051193	9.68	1.3
1.2	1.02488	.049355	.600046	.062937	11.51	1.2
1.1	1.03224	.061491	.620049	.076861	13.57	1.1
1.0	1.04168	.076345	.643438	.093252	15.87	1.0
0.9	1.05376	.094501	.670724	.112407	18.41	0.9
0.8	1.06923	.116674	.702513	.134620	21.19	0.8
0.7	1.08904	.143744	.739515	.160175	24.20	0.7
0.6	1.11442	.176798	.782574	.189317	27.43	0.6
0.5	1.14696	.217183	.832691	.222233	30.85	0.5
0.4	1.18876	.266577	.891077	.259011	34.46	0.4
0.3	1.24252	.327080	.959181	.299607	38.21	0.3
0.2	1.31180	.401326	1.03877	.343800	42.07	0.2
0.1	1.40127	.492641	1.13198	.391156	46.02	0.1
0.0	1.51709	.605233	1.24145	.441013	50.00	0.0
-0.1	1.66743	.744459	1.37042	.492483	53.98	-0.1
-0.2	1.86310	.917165	1.52288	.544498	57.93	-0.2
-0.3	2.11857	1.13214	1.70381	.595891	61.79	-0.3
-0.4	2.45318	1.40071	1.91942	.645504	65.54	-0.4
-0.5	2.89293	1.73757	2.17751	.692299	69.15	-0.5
-0.6	3.47293	2.16185	2.48793	.735459	72.57	-0.6
-0.7	4.24075	2.69858	2.86318	.774443	75.80	-0.7
-0.8	5.2612	3.3807	3.3192	.80899	78.81	-0.8
-0.9	6.6229	4.2517	3.8765	.83912	81.59	-0.9
-1.0	8.4477	5.3696	4.5614	.86502	84.13	-1.0
-1.1	10.903	6.8116	5.4082	.88703	86.43	-1.1
-1.2	14.224	8.6818	6.4616	.90557	88.49	-1.2
-1.3	18.735	11.121	7.7804	.92109	90.32	-1.3
-1.4	24.892	14.319	9.4423	.93401	91.92	-1.4
-1.5	33.339	18.539	11.550	.94473	93.32	-1.5
-1.6	44.986	24.139	14.243	.95361	94.52	-1.6
-1.7	61.132	31.616	17.706	.96097	95.54	-1.7
-1.8	83.638	41.664	22.193	.96706	96.41	-1.8
-1.9	115.19	55.252	28.046	.97211	97.13	-1.9
-2.0	159.66	73.750	35.740	.97630	97.72	-2.0
-2.1	222.74	99.100	45.930	.97979	98.21	-2.1
-2.2	312.73	134.08	59.526	.98270	98.61	-2.2
-2.3	441.92	182.68	77.810	.98514	98.93	-2.3
-2.4	628.58	250.68	102.59	.98718	99.18	-2.4
-2.5	899.99	346.53	136.44	.98890	99.38	-2.5

45

J. Schmee
W.B. Nelson

ESTIMATES AND APPROXIMATE CONFIDENCE LIMITS FOR (LOG)
NORMAL LIFE DISTRIBUTIONS FROM SINGLY CENSORED
SAMPLES BY MAXIMUM LIKELIHOOD

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GENERAL ELECTRIC COMPANY
CORPORATE RESEARCH AND DEVELOPMENT
P.O. BOX 8, SCHENECTADY, N.Y. 12301

GENERAL ⑉ ELECTRIC